Yahoo Group Archive: foxdelta

Yahoo Group summary: Fox Delta Amateur Radio Projects & Kits

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2017. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2005-12-13 through 2017-11-13

Source WARC: foxdelta.1CfAtsG.warc.gz

Source item: https://archive.org/details/yahoo-groups-2017-12-28T14-06-19Z-3e9921

Messages included in this PDF: 1411

Messages omitted as spam from this PDF: 10

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. Welcome

Yahoo group: foxdelta
Date: 2005-12-13 11:42:37 UTC
From: Dinesh Gajjar
Topic: 1 Message: 1

Fox is getting ready with lots of projects coming up.

3. Nina's Projects

Yahoo group: foxdelta
Date: 2006-02-06 03:07:17 UTC
From: Dinesh Gajjar
Topic: 3 Message: 3

To start with, now we have hamcom & a crystal radio ready in kits,
Prepared by nina. You will find details at http://nina.foxdelta.com
73s/Dinesh

4. Sound Card & PIC Programmer

Yahoo group: foxdelta
Date: 2006-02-12 10:47:33 UTC
From: Dinesh Gajjar
Topic: 4 Message: 4

Two kits, a Sound Card Interface & a PIC Prpgrammer are ready in kits
as well as fully assembled. Both are made on high quality double sided
PTH boards.
Please check-out details at http://products.foxdelta.com/soundcard.htm
and at http://products.foxdelta.com/programmer.htm.

Visit http://shopping.foxdelta.com for on-line purchases.

Regards/Dinesh

5. Econ Osc Programmer

Yahoo group: foxdelta
Date: 2006-02-17 16:11:16 UTC
From: Dinesh Gajjar
Topic: 5 Message: 5

Maxim Dallas Econ Oscillator chips are excellent substitute for crystals. They are easily programmed by a simple parallel port software and a single chip programmer.
This programmer also has additional part containing an econ chip DS1085 with an isolation amplifier to get banch top test signal to 133mhz.

Please checkout project details at:
http://products.foxdelta.com/econ.htm

73s/Dinesh

6. MRF455 Linear Kit

Yahoo group: foxdelta
Date: 2006-03-20 15:44:51 UTC
From: Dinesh Gajjar
Topic: 6 Message: 6

Partial kit for a 80W HF RF Linear Amplifier is ready in small quantity. Kit contains most amidon toroids & 2 pieces of MRF455 transistors. A PTH PCB is supplied free of charge still stock last.

Please visit project page: http://products.foxdelta.com/rfamp.htm

Regards/Dinesh

7. 3.5GHZ Frequency Counter project

Yahoo group: foxdelta
Date: 2006-04-08 13:09:16 UTC
From: Dinesh Gajjar
Topic: 7 Message: 7

3.5GHZ Frequency Counter project is now almost ready.Please visit
http://products.foxdelta.com/freqcounter.htm for more details

73s/Dinesh

8. 1200 Baud Modem

Yahoo group: foxdelta
Date: 2006-04-22 10:28:43 UTC
From: Dinesh Gajjar
Topic: 8 Message: 8

1200 baud modem using MX614 is now available in KIT. Please check out project page at http://products.foxdelta.com/modem.htm

Regards/Dinesh

9. PIC Repeater Controller

Yahoo group: foxdelta
Date: 2006-04-28 08:12:11 UTC
From: Dinesh Gajjar
Topic: 9 Message: 9

A simple PW protected PIC16F84 based repeater controller KIT & PCBs
are now available. Please visit project page:
http://products.foxdelta.com/repeater.htm

Regards/Dinesh

10. DDS Modules & RF Sensor

Yahoo group: foxdelta
Date: 2006-05-08 11:45:33 UTC
From: Dinesh Gajjar
Topic: 10 Message: 10

Details on DDS modules under development are posted on website. Please visit http://products.foxdelta.com/dds.html

Also Project details of AD8307 based 500MHZ RF Sensor PCB is posted at http://products.foxdelta.com/swr.htm

73s/Dinesh

11. Repeater Controoller & VHF Modem

Yahoo group: foxdelta
Date: 2006-06-17 02:13:30 UTC
From: Dinesh Gajjar
Topic: 11 Message: 11

Hello
Both projects are under update & new PCBs are coming up. both are made in much smaller size i.e. 10cm x 5cm as most people wanted. I will be posting availability soon.
Regards/Dinesh

12. PIC Repeater Controller

Yahoo group: foxdelta
Date: 2006-08-07 06:34:21 UTC
From: Dinesh Gajjar
Topic: 9 Message: 12

Redesigned Repeater Controller RPC2 is now ready in kits & Cost $20.
PCBs are also available.

Please visit http://products.foxdelta.com/repeater.htm for more info

Regards/Dinesh

13. PIC 18F2550 Tiny Programmer

Yahoo group: foxdelta
Date: 2006-08-23 03:25:59 UTC
From: Dinesh Gajjar
Topic: 13 Message: 13

Parallel Port PIC18F2550 Programmer is tiny port powered 6cm x 4cm programmer. Specially designed for use with Winpic800 programming software & intended to load firmware into PIC18F2550 chips.

Please visit project page at:

http://product.foxdelta.com/art2003.htm

Regards/Dinesh Gajjar

14. ICP PIC Programmer

Yahoo group: foxdelta
Date: 2006-08-24 08:02:32 UTC
From: Dinesh Gajjar
Topic: 14 Message: 14

```
New Kit of ICP PIC Parallel Port Programmer is ready. Please visit
project page at:
http://products.foxdelta.com/icp.htm for more details

Regards/Dinesh
```

15. PICKIT2 Programming Adaptor Board

Yahoo group: foxdelta
Date: 2006-08-24 08:08:03 UTC
From: Dinesh Gajjar
Topic: 15 Message: 15

a programming adaptor board with ICSP connector matching to PICKIT2
programmer is available in kit. Programmer has facility to program
8,14,18,20,28 & 40pin PIC Micros.
May used with PICKIT2 or foxdelta ICP, SPP or UPP programmers.

Please visit project page at: http://products.foxdelta.com/pb1.htm

Regards/Dinesh

16. PIC 16F84A 35MHZ Frequency counter

Yahoo group: foxdelta
Date: 2006-08-31 06:44:38 UTC
From: Dinesh Gajjar
Topic: 16 Message: 16

PIC 16F84A 3.5GHZ Frequency counter is ready but as a 35MHZ basic counter. Soon it may be updated to 3.5GHZ with a FD-FC1.1 Pre-scale kit

please visit project page at
http://www.products.foxdelta.com/freqcounter.htm

Regards/Dinesh

17. PIC16F876A LCD RF Power Meter Kit

Yahoo group: foxdelta
Date: 2006-09-01 06:47:11 UTC
From: Dinesh Gajjar
Topic: 17 Message: 17

PIC16F876A RF Power Meter Kits & PCBs are now available. Please visit project page for more details:

http://products.foxdelta.com/swr.htm

Regards/Dinesh

19. Echo Link Interface

Yahoo group: foxdelta
Date: 2006-09-24 16:36:19 UTC
From: Dinesh Gajjar
Topic: 19 Message: 19

a simple, no-power echo link interface project details are now available at: http://products.foxdelta.com/echolink.htm

This interface has two audio isolation transformers & two opto couplers. Requires a script to run "DTR on/off" if you wish to make it self powered.

PCB design, tech details are posted on project page for homebrewing.

Regards/Dinesh

20. Serial Port PIC Programmer

Yahoo group: foxdelta
Date: 2006-10-22 09:06:07 UTC
From: Dinesh Gajjar
Topic: 20 Message: 20

Design & Kits for Serial port professional PIC16 & PIC18 programmer is given at project page: http://foxdelta.com/products/progserial.htm

73s/Dinesh

21. 400MHZ PIC Freq. Counter

Yahoo group: foxdelta
Date: 2006-11-04 02:01:37 UTC
From: Dinesh Gajjar
Topic: 21 Message: 21

A new design of FC-2, a 40 & 400MHZ PIC16F84A Frequency Counter
Project & Kit details are given at:

http://www.foxdelta.com/products/fc2.htm

Regards/Dinesh

22. LCD RF Power Meter

Yahoo group: foxdelta
Date: 2006-11-09 08:57:03 UTC
From: Dinesh Gajjar
Topic: 22 Message: 22

This project is under re-design & new PCBs will be available hopefully by Dec 10th. New design includes DIP8 AD8307 on main board and its more copact than previous PCB.

Regards/Dinesh

23. APRS Tracker

Yahoo group: foxdelta
Date: 2006-11-28 08:32:41 UTC
From: Dinesh Gajjar
Topic: 23 Message: 23

FoxTrak, an APRS tracker measuring 7cm x 4.5cm is ready and details of project may be found at:

http://products.foxdelta.com/foxtrak.htm

Regards/Dinesh

24. Echolink Interface

Yahoo group: foxdelta
Date: 2006-12-02 08:11:53 UTC
From: Dinesh Gajjar
Topic: 24 Message: 24

A PIC16F84A micro controller based hardware DTMF Echolink interface project is uploaded at:

http://www.products.foxdelta.com/echolink.htm

On project page, I have also requested active hams on echolink to help me for evaluation/test of this new kit.

Regards/Dinesh

25. FoxTrak Kits

Yahoo group: foxdelta
Date: 2006-12-11 13:07:05 UTC
From: Dinesh Gajjar
Topic: 25 Message: 25

Foxtrak is now tested with good performance report on hardware & operation & kits will be available soon.

Regards/Dinesh

26. LCD RF Meter

Yahoo group: foxdelta
Date: 2006-12-12 14:26:30 UTC
From: Dinesh Gajjar
Topic: 26 Message: 26

PIC16F876A LCD RF Power Meter has been redesigned and PCBs are ready.
Kits will be ready by next weekend.

New design includes dual AD8307 input sections and uses economical
pushbutton for menu operation instead of a rotary encoder.

New kits, called PM2, will be detailed at
http://products.foxdelta.com/pm2.htm

73s/Dinesh

27. APRS Tracker :: FoxTrak

Yahoo group: foxdelta
Date: 2006-12-15 06:39:23 UTC
From: Dinesh Gajjar
Topic: 27 Message: 27

After satisfactory testing of FoxTrak, kits are now available at $22 only. There is a discount for club & societies wish to buy 10 or 25 quantities.

http://products.foxdelta.com/foxtrak.htm

73s/Dinesh

28. A bit harsh...

Yahoo group: foxdelta
Date: 2006-12-19 11:30:31 UTC
From: vk1ac
Topic: 28 Message: 28

Well Dinesh,

I thought the moderator on the echolink forum was a bit harsh towards you. I didn't perceive your posting as being aimed at advertising your products. Looked to me as if you were looking for qualified beta testers to test a product to be used by members of that particular forum.

You gave a good reply to the lad. Well done. If you haven't looked at the CQ100 program yet, you might want to try it out. It's not free. the owner intends to charge $32US a per year for the use of the servers. He give users a free trial for the first 90 days.

The audio codec is so good that he's got 6500 registered users and the Echolink boys have been burning up their forum space with ways to make Echolink work like CQ100. The system simulates HF operation on a PC based 'rig' that you download to access the service.

Here's the link: http://qsonet.com

It looks like a perfect use for your echolink interface as many of the lads are trying ways to interface audio for SSTV, PSK31 and RTTY. You might make a few sales on that mode.

Good website. Keep up the good work.

Cheers,

Alex -VK1AC

29. Echolink Forum Discussion

Yahoo group: foxdelta
Date: 2006-12-23 11:38:32 UTC
From: Dinesh Gajjar
Topic: 29 Message: 29

Hello Friends who responded to my echolink group messages:

Thank you for your informative mails.

Regarding echolink forum discussion, as you say, I did only want few good amateurs to test.

Objection came from people already making & selling echolink interfaces. Perhaps they think that only they can make it.

I am not sure of situation but it is heard that http://www.echolink.org also promote same people who are freely using this yahoo group by way of making advertising of their interfaces. Ref to following messages:

18067, 19831, 17883, 13340, 12811, 12808, 10774 (this is a clear advertisement of product) and 8559

Which means, "they" can advertise but I can not even tell members that I am offereing interfaces free of charge.

Thanks for info on http://qsonet.com its very interesting. However, personally I wish to setup a localized VOIP where I do not have to depend on one specific system. Will try to work in this direction soon

73s/Dinesh

30. FD-SPP Serial Port PIC Programmer

Yahoo group: foxdelta
Date: 2007-01-10 08:53:08 UTC
From: donell_oz
Topic: 30 Message: 30

Hi Dinesh,

As per your request, would be happy to share my experience building this project.

Firstly, a copy of the necessary software should be downloaded from (http://www.oshonsoft.com/picprogserialsetup.exe)for PIC12/16 micro's.

Links on your web page direct to PIC18 software which cannot program/read the Pic12/16 chips.

To confirm correct operation of serial port and Max232 ic, a loopback connection can be made on programmer board by removing pre-programmed Pic and inserting a temporary link between pins 7 and 8 Rx/Tx pins.

With terminal software (Telnet Etc...) serial port can be driven, both Tx and Rx led's will indicate if port and Max232 are functioning.

Only glitch I encountered during my build of the project (and also on my own Veroboard prototype) was that the pre-programmed Pic16f628a seemed to be dead, with no clocking from crystal oscillator.

This was corrected by replacing the ceramic load capacitors (C15,C16) on crystal oscillator circuit from 22pf to 47pf.

Both programmers are operational and have not missed a beat since!

Hope this information helps!

Kind regards,
Don

31. Serial Port Programmer & Oshonsoft

Yahoo group: foxdelta
Date: 2007-01-10 11:12:36 UTC
From: Dinesh Gajjar
Topic: 31 Message: 31

Many home brewers have taken keen interest in this programmer.

Please post your trouble on this forum so that others trying to build similar programmers can benefit.

Please also note that when I built this programmer, I bought a single user license of oshonsoft IDE only for the purpose to generate hex files for this programmer, to assist others by way of providing free firmware.

Please visit oshonsoft wesbsite & download programming software of your interest, study that software & its capacity to program your expected PIC chips. Its this software which will get you programming capability to program listed PIC chips.(Read list of processors on oshonsoft webpage)

Those who built similar programmers are requested to help others trying hard to build their own. If you help answer others, would help me work on my present development work.

Regards/Dinesh

32. Fox Echo Echolink "Simple Mode" Interface Setup

Yahoo group: foxdelta
Date: 2007-01-15 14:42:39 UTC
From: k7sfn
Topic: 32 Message: 32

Here are step-by-step instructions to provide a simple interface between the Fox Echo board and your PC for Echolink operation. This arrangement uses the Fox Echo Board to provide audio and serial data control interface between your PC and radio. DTMF tones are decoded by Echolink. You will need to have Echolink configured in the "Sysop" Mode as either a Link (-L) or Repeater)-R).

For PC to Radio Direction:
1. Connect TX Mic Input to TX (J3,Pin 5), and Gnd (J3, Pin 4).
2. Connect Cable between SC Spkr Jack (J5) and PC Soundcard Spkr Line output (Green Jack on PC).
3. Place the "H2" jumper in the 1-2 position on the Fox Echo Board.
4. Connect RS-232 cable between PC Com Port and Fox Echo Board.
5. In Echolink, goto "Tools/Sysop Settings/Tx Ctrl/" and set "PTT activation" to "RTS".
6. Under "tools/Sysop Settings/Tx Crtl/" Also select the proper Com Port.
7. To confirm operation, Connect to the Echolink "Test Server" and verify red "ptt" led lites on the Fox Echo board, and transmitter keys.
8. NOTE: The "RTS" lead (J1, Pin7) should go "High" in Transmit Mode.

For Radio to PC Direction:
1. Connect Radio Speaker Audio Between RX In (J3,Pin 1) and Gnd (J3,Pin 3) (Careful of level)
2. Connect Cable between SC Mic Jk (J4) and PC soundcard Mic Input (Pink Jack on PC).
3. In Echolink, goto "Tools/Sysop Settings/Rx Ctrl/", and set the "Carrier Detect" to "VOX".
4. Goto "Tools/Sysop Settings/DTMF and select "Internal" in the DTMF Decoder Box.
5. Send DTMF tones from a HT or Mobile Radio, and Echolink should display the "Digits" in a small gray box at the lower right-hand side of the screen as they are received by Echolink.

Adjust Tx and RX Interface Levels in Echolink by going to:
"Tools/Adjust Volume/Playback & Recording"
Use the Echolink Test Server to verify proper program operation.

Please email me if you have any questions,

Frank - K7SFN

33. FoxEcho Interface

Yahoo group: foxdelta
Date: 2007-01-19 03:33:20 UTC
From: Dinesh Gajjar
Topic: 33 Message: 33

Simple Echolink interface "FoxEcho V1.0" which uses echolink's internal DTMF & PTT is tested & kits are ready in small quantities. Upgrade to V1.1 which will provide external DTMF will be available when PIC firmware is fully tested.

Kits are priced at $30 and designed on double sided PTH boards. Please visit project page for more details at:

http://products.foxdelta.com/foxecho.htm

Regards/Dinesh

34. LW converter

Yahoo group: foxdelta
Date: 2007-01-21 16:47:37 UTC
From: Ken
Topic: 34 Message: 34

I am trying to locate plans for a homebrew LW converter. Around 160 khz.Any suggestions or links will be appreciated.
Thanks
Ken

35. Tiny Echo

Yahoo group: foxdelta
Date: 2007-02-01 14:34:08 UTC
From: Dinesh Gajjar
Topic: 35 Message: 35

A small echolink interface project with 2 isolation transformers & 2 opto coupler is posted at:

http://products.foxdelta.com/tinyecho.htm

73s/Dinesh

36. New Projects

Yahoo group: foxdelta
Date: 2007-02-19 15:55:06 UTC
From: Dinesh Gajjar
Topic: 36 Message: 36

Recently I have completed following projects and have first prototype under test:

LCD L/C Meter
LCD SWR Meter VHF/UHF 100w
LCD SWR meter HF 100w

Nina's Section:
PIC16F84A Midi Keyboard Controller

Kits in small quantity will be available soon.

Regards/Dinesh

37. 3GHZ DDS

Yahoo group: foxdelta
Date: 2007-03-03 07:10:52 UTC
From: Dinesh Gajjar
Topic: 37 Message: 37

Claude MULLER F2JL, has developed 60MHZ to 3GHZ DDS Sythesizer.

Please visit his webpage at:

http://cymtronic.club.fr/

73s/Dinesh

38. LCD HF SWR Meter

Yahoo group: foxdelta
Date: 2007-04-05 15:31:12 UTC
From: Dinesh Gajjar
Topic: 38 Message: 38

HF 100 LCD SWR Meter project preliminary information is uploaded today
at: http://www.foxdelta.com/products/swr-hf.htm

Regards/Dinesh

39. Repeater Controller

Yahoo group: foxdelta
Date: 2007-04-20 09:33:41 UTC
From: Dinesh Gajjar
Topic: 39 Message: 39

A new, redesigned repeater controller project was completed & tested with good results. Controller uses a pic16f84a, MT8870 and ULA2304 chips & is password protected.

Please visit project page at: http://products.foxdelta.com/repeater.htm

73s/Dinesh

40. SWR / Power meter for 23cms

Yahoo group: foxdelta
Date: 2007-05-08 15:54:09 UTC
From: g0gmk2003
Topic: 40 Message: 40

Hi Dinesh and all.

Just found your site (thanks to Nigel Goodwin).....wow

I am building a generic PA controller for a dual brick 23cms PA. To show how long it has been on the bench, it is using a 16F877A !!!

I am having problems with the SWR and Power measurements. I have a good 50r stripline with diode detectors and load resistors (all SMT) which I was trying to sample the output directly with the A-D of the PIC. As I am sure you can guess, this does not work. Not too bad for high power (forward) but not usable for low power (reverse). I see that your 500Mhz design uses the AD8307 which tops out at 500Mhz. Do you think a similar idea with a suitable device would be OK at 23cms ??? If so, any idea which device. The AD8311 looks promising as it is good for 2.5Ghz but the dynamic range looks a bit tight at 50dB

73 Dave

41. Satellite Tracking Interface- ST1

Yahoo group: foxdelta
Date: 2007-05-26 04:36:54 UTC
From: Dinesh Gajjar
Topic: 41 Message: 41

A Project of satellite tracking interface using PIC1F688 is completed and kits are available in small quantities. Kindly visit project page at: http://www.foxdelta.com/products/st1.htm

73s/Dinesh

42. 40/400MHZ Frequency Counter Kits

Yahoo group: foxdelta
Date: 2007-06-20 01:04:13 UTC
From: Dinesh Gajjar
Topic: 42 Message: 42

Redesigned 40/400mhz Frequency Counter FC2A kits are now once again available. New boards are designed with few changes by way of reducing smt parts, providing dip switches in place of headers and now have possibility to use 78L05 regulators for those who wish to use it as a portable test meter.

kindly visit project page at: http://www.foxdelta.com/products/fc2.htm

73s/Dinesh

43. Echolink Interface- Foxecho-K7

Yahoo group: foxdelta
Date: 2007-08-28 15:58:14 UTC
From: Dinesh Gajjar
Topic: 43 Message: 43

hello

Final, tested version of PIC16F84A echolink interface called "Foxecho-K7" will be available assembled & in kits with an alum. case, isolation transformers and AGC card.
Delivery by next week or latest by Sept 15th. Documentation will be uploaded on concerned web page soon.

73s/Dinesh

44. Re: [foxdelta] Echolink Interface- Foxecho-K7

Yahoo group: foxdelta
Date: 2007-08-29 07:24:46 UTC
From: Prathap Kumar
Topic: 43 Message: 44

Congrats Dinesh
Hope to hear about the Kit introduction soon.
You do a great job of the kits and projects to help many homebrewers.
Neat packaging , when I received the kit I was remembering about the Dick Smith kits I used to get.
I am thankful to you for the DTMF controller kit and its works great.
Great job and keep it up.
Happy homebrewing.
Best 73
Pop
VU2POP

----- Original Message -----
From: Dinesh Gajjar
To: foxdelta@yahoogroups.com
Sent: Tuesday, August 28, 2007 9:28 PM
Subject: [foxdelta] Echolink Interface- Foxecho-K7

hello

Final, tested version of PIC16F84A echolink interface called "Foxecho-K7" will be available assembled & in kits with an alum. case, isolation transformers and AGC card.
Delivery by next week or latest by Sept 15th. Documentation will be uploaded on concerned web page soon.

73s/Dinesh

45. PIC LCD DUAL Thermo-meter

Yahoo group: foxdelta
Date: 2007-09-03 12:55:26 UTC
From: Dinesh Gajjar
Topic: 45 Message: 45

A new project of LCD Dual thermo Meter (documents not completed yet)
is posted at http://www.foxdelta.com/products/thermo.htm

Project based on 16F876A micro controller to measure dual temperatures
using microchip analog sensors.

Regards/Dinesh

46. Foxecho - Echolink Interface

Yahoo group: foxdelta
Date: 2007-11-23 18:04:24 UTC
From: Dinesh Gajjar
Topic: 46 Message: 46

```
After a long wait/delay, foxecho-k7 kits are now available. Kindly
visit http://www.foxdelta.com/products/foxecho.htm for more details.
Regards/Dinesh
```

47. 1Wire Homebrew Weather Station

Yahoo group: foxdelta
Date: 2008-01-09 03:15:26 UTC
From: Dinesh Gajjar
Topic: 47 Message: 47

Prototype board made of 1wire weather station is now running well and with same reliability as a commercial station. Results are very encouraging and I will be making small quantities of kits for those interested in making fine weather stations at low cost.

For active view of this prototype 1wire weather station, please visit:

http://www.vu2fd.com/weather/

73s/Dinesh

PS: Wind instrument is still down due to forth coming kite festival, to avoid damage by strings of hard pulling threads!!

48. LCD VHF/UHF SWR Meter

Yahoo group: foxdelta
Date: 2008-01-15 10:40:35 UTC
From: Dinesh Gajjar
Topic: 48 Message: 48

A new project/Kit of VHF/UHF SWR meter with two line LCD diplay is now available. Project uses a PIC16F88 for SWR calculation and a SMT component sensor/bridge for RF pick-up. Meter will measure to 100W.

Please visit: http://www.foxdelta.com/products/swr-vhf.htm

Regards/Dinesh

49. LCD Satellite Antenna Tracking Interface - ST3

Yahoo group: foxdelta
Date: 2008-03-01 13:14:34 UTC
From: Dinesh Gajjar
Topic: 49 Message: 49

I have added a Project on an advanced Satellite Antenna Tracking Interface : ST3: which uses a PIC Micro and interfaces thru EasyCom and GS-232 servers with Satellite Tracking Programs Like: SatPC32.

Please visit following URL for more details:

http://www.foxdelta.com/products/st3.htm

Regards/Dinesh

50. Serial port pro PIC programmer

Yahoo group: foxdelta
Date: 2008-03-12 13:52:55 UTC
From: Bob Innes
Topic: 50 Message: 50
Attachments: 2 described; binary payloads are missing from this source WARC

```
[ Attachment content not displayed ]
```

51. LCD APRS VIEWER

Yahoo group: foxdelta
Date: 2008-03-16 10:51:28 UTC
From: Dinesh Gajjar
Topic: 51 Message: 51

A newly developed LCD aprs project is posted on website at:

http://www.foxdelta.com/products/foxtrak.htm

FoxView has 4x20 LCD, a PIC Processor and a MX614 based modem. All you require is to connect a receiver/transceiver and supply 12V DC to view APRS activities while on move!! without a PC.

Regards/Dinesh

52. LCD APRS VIEWER

Yahoo group: foxdelta
Date: 2008-04-05 17:29:41 UTC
From: Dinesh Gajjar
Topic: 51 Message: 52

FoxView, An APRS LCD Viewer project is complete. Project uses PIC16F628A, MX614 modem and MCP6023 bpf. Two SMT Chips are supplied pre-solderded on all kits.

Please visit project page: http://www.foxdelta.com/products/foxview.htm

Thanks & Regards/Dinesh

53. Satellite Tracking Interface- ST3

Yahoo group: foxdelta
Date: 2008-04-14 09:48:27 UTC
From: Dinesh Gajjar
Topic: 53 Message: 53

A new project/Kits of Satellite Antenna Tracking Interface with LCD display is posted at:

http://www.foxdelta.com/products/st3.htm

Interface supports easycom & Yaesu GS232 interface servers. Display expected antenna location on 1st row and present postion on second raw.

Thanks & Regards/Dinesh

54. Hamvention Live Video

Yahoo group: foxdelta
Date: 2008-04-19 04:44:15 UTC
From: Dinesh Gajjar
Topic: 54 Message: 54

------- From TOM/W5KUB --------

Hello .
You have done a short story on us the past couple years.Can you please get the word out again to all the hams that we will be broadcasting live video and audio of the Dayton hamvention again this year. In addition to the video, hams around the world can join in on the website chat room. We are viewed each year in 150 countries and bring the hamvention experience to those that can not make it in person.

The fun starts live on Wednesday May 14th at about 0800 CDT as we depart Memphis, Tn for our 550 Mile drive to Dayton. We will be broadcasting the drive live and people can have fun trying to guess where we are or comment about what food we are eating as we wear the Helmet cam into the restaurants. We will also be transmitting live on Thurs May 15 as we set up our fleamarket space 3350-3351. If we have time we might broadcast again from the Air Force Museum on Thurs afternoon. Then we will broadcast the entire show live Friday ☐ Sunday. At approx 1:00 pm on Sun we will start our 550 mile drive back to Memphis and will broadcast it live.

The Hamvention website has a link to our site incase someone forgets our address.

The address to join in on the fun is http://wa5kub.com or http://w5kub.com

I changed my call this year to W5KUB (dropped the "A")

You can get lots of other information about this on our website. There are maps there showing our route, and also links that explain how we do this.

.

Thanks and hope to see you there.

Tom Medlin W5KUB

--- 73s/Dinesh----

55. Re: Serial port pro PIC programmer

Yahoo group: foxdelta
Date: 2008-04-22 03:37:33 UTC
From: metamaterials
Topic: 50 Message: 55

Bob Innes and I exchanged emails regarding his previous message on the subject. A friend built an SPP PIC Programmer and I got a turn at trouble shooting it. After fixing one problem, it was behaving just like Bob's. I had many of the same questions that he had. We have both solved our problems to one degree or another, and this is a follow up to help others.

Bob eventually got his programmers to work:
"I installed a PCI dual serial port card in my PC, which refused to work with SPP, it appears that the software is not written for 32bit. Had to revert to the original "built-onto" motherboard serial port, and then it worked!"

This hint put me back on the track of trying to get the programmer to work by monkeying with the serial port settings. There is a long list of other things that I tried, some of which were educational; however, I will stick to what worked and leave the other stuff out for now.

While not working, typically the programmer software was set for a baud rate, and the PC serial port was set to the same baud rate. That seemed logical. The other S/W Options were set for the PIC to be programmed, the port being used, and the default programming time. Only the baud rate was varied. Usually, when the S/W was told to program the PIC, the data LEDs flashed briefly, the other LEDs stayed off. My scope showed data passing through the MAX232 chip (the serial port interface), but there was no activity at the PIC on the programmer. The supply and VPP voltages were not passed to the PIC to be programmed, and no data passed. For one or two baud rates, 4800 and 9600 (I think), nearly the same thing happened, but the data LEDs would flash through the whole programming period.

The programmer finally worked when I reasoned that maybe the PC serial port should be set for a higher baud to give the S/W freedom to control the speed alone at a lower baud. Hey, it worked. All the LEDs flashed, giving me a very good feeling, and after the programming sequence, the Verify sequence was run and it tested good.

Final settings:
PC Serial Port
- Bits per second = 115200
- Data bits = 8
- Parity = none
- Stop bits = 1
- Flow control = Xon/Xoff
Serial Port Pro PIC Programmer (S/W Options)
- Microcontroller Model = 3 (for the 16F84A I wanted to program)

- Serial Port Number = 2 (cuz that is what I used)
- Baud = 56000
- Default Programming Time = 12 (ms)

Caveats:
- Other combinations of baud rate may work.
- I just finished this and haven't plugged the 16F84A into a circuit and tested it yet.
- There are some other issues with the programmer. Bob mentioned a couple in his email to me. I suspect power supply issues. The kit calls for a 14 to 18 V AC or DC supply. If you use a DC supply below around 15.5 VDC, the diodes in the full wave bridge will drop the voltage too low for the high voltage regulator to produce a full VPP. This may be a source of trouble for some PICs. In addition, the 5V regulator is running very hot, even with a low supply (14 VDC). Increasing the DC supply to get a better, regulated VPP causes the 5V regulator to heat more. I may modify the power circuit later.

I'm sure that I didn't cover everything and left some questions, but I hope this is helpful to some.

Rob

56. Foxtrack

Yahoo group: foxdelta
Date: 2008-04-27 05:25:32 UTC
From: JA1OGS (Art)
Topic: 56 Message: 56

Hi I just finish the new Foxtrack and programming the Pic-chip, without any troubles.
Im program the chip 16F84 with the JDM, write load the Hex file was easy.
Next step was connect the 12VDC to the Foxtrack, and start the other software (Tinytrack-Config).That was also very easy typ in my Callsign JA1OGS-7 and a beacon message job finish.
Testing the tracker and all works fine.

Something to remember you have to connect the 12VDC to the tracker before using run the Tinytrack-Config software.
If you like see http://ja1ogs.com/project.htm

73 all from Tokyo Japan

57. Foxtrack

Yahoo group: foxdelta
Date: 2008-04-28 22:17:52 UTC
From: Phillip
Topic: 56 Message: 57

Hi All,
I have built and tested my 2 Fox trackers had a couple do small
problems 1 was a dud Xtal and the other was now 3 Dud LEDs
and 2 parts missing,

Dinesh has done well with his kits 8 to 9 days to NZ and is very prompt at
helping out Many thanks I will be awaiting
the Fox Tracker Viewer 2 .

I am now wrestling with a FD PIC Programmer that I can't get to work with
various software

I would like to upgrade the PIC to a 16f628a and include the Altitude
function and also some better
smart beaconing parameters If anyone can help here please raise your hand.

73 Phillip
ZL2TZE

58. Parallel port ICP PIC programmer

Yahoo group: foxdelta
Date: 2008-04-28 22:17:08 UTC
From: Phillip
Topic: 58 Message: 58

Hi,

I am having problems with I don't really know what.

Ok I am running Win 2000 with service pack 4 on
a Toshiba Satellite 2140 CDS Laptop
with a AMD K-6 3D processor
with heaps of RAM

I have WINPICPROG 1,9

A Fox Delta ICP Pic programmer and adaptor
pre built and tested

My supply voltage is 15 Vlts DC

My PIC is 16F628a

My config is as on the site below for 16F628a for FD-ICP
http://www.winpicprog.co.UK/

When I read the PIC Vdd and Vpp flicker

When I erase the PIC Vdd flashes

I write to the PIC Vpp locks on while Vdd has a dim glow

The program says it is writing data to program memory
then there is a flicker of the Vdd and Vpp Led then it
tells me that it writing the eeprom data memory
then I get the report that 128 program word written in 18 sec

But when I verify I get Program verify error at program address
0x000

The PIC has nothing written to it yet when I read it the following is in
the Hex Dump
: 02400E00F3D74
:00000001FF

I have tried the the Output and Clock on Low and High

Port is $3D78

I get config Word += $ 3D66

I have also sent many hours trying other software

Oshonsoft.com Parallel Pic Programmer

I get the port ready sign on (port 3) but don't see any
activity in the Vpp or the Vpp40 LEDs

Program tells me it is writing to the PIC but its empty

I have tried inverting the Hardware settings and I have also ticked the
check hardware settings I have played with them all 1 at a time
I can't get the Vpp LED to light up any way.

When erasing a PIC I get no LED activity

What I have found is that there is no real Docs with either Program s
or enough information about the PICs eg Like a data base of tested
settings for PICs

Regards

Phillip
ZL2TZE

59. Re: [foxdelta] Parallel port ICP PIC programmer

Yahoo group: foxdelta
Date: 2008-05-02 23:55:33 UTC
From: Phillip
Topic: 59 Message: 59
Attachments: 1 described; binary payloads are missing from this source WARC

Hi All,
I am still battling with the PIC programmer I was using a
Regulated pwr supply @ 13.8 went to 14vlts and now using an 18 vlt battery I
still can't get the data written

WINPICPROG

Status of LEDS when first turned on
Pwr On
Vdd On
Vpp40 On

Status LEDS Erase

Vdd Off
Vpp Flashes and goes out
Vpp40 On

Status LEDs on Write

Vdd Flashes
Vpp On while writing then goes out
Vpp40 On

Status LEDs on Read

Vdd Flashes
Vpp Flashes
Vpp40 On

Still have error 0x000

73 Phillip
ZL2TZE

-------Original Message-------

From: Bob Innes
Date: 1/05/2008 7:36:07 a.m.
To: Phillip
Subject: Re: [foxdelta] Parallel port ICP PIC programmer

Hi Phillip,

Something just occurred to me, where you get a program verify error at
address 0x000,
I had the same fault, and found out that my VPP voltage was too low - have a

look at that!
I jacked mine up to 13.8 volts - it now woeks OK.

Cheers,

Bob

On 29/04/2008, Phillip <zl2tze@...> wrote:

Hi,

I am having problems with I don't really know what.

Ok I am running Win 2000 with service pack 4 on
a Toshiba Satellite 2140 CDS Laptop
with a AMD K-6 3D processor
with heaps of RAM

I have WINPICPROG 1,9

A Fox Delta ICP Pic programmer and adaptor
pre built and tested

My supply voltage is 15 Vlts DC

My PIC is 16F628a

My config is as on the site below for 16F628a for FD-ICP
http://www.winpicprog.co.UK/

When I read the PIC Vdd and Vpp flicker

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I write to the PIC Vpp locks on while Vdd has a dim glow

The program says it is writing data to program memory
then there is a flicker of the Vdd and Vpp Led then it
tells me that it writing the eeprom data memory
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But when I verify I get Program verify error at program address
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The PIC has nothing written to it yet when I read it the following is in
the Hex Dump
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Port is $3D78

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I have also sent many hours trying other software

Oshonsoft.com Parallel Pic Programmer

I get the port ready sign on (port 3) but don't see any
activity in the Vpp or the Vpp40 LEDs

Program tells me it is writing to the PIC but its empty

I have tried inverting the Hardware settings and I have also ticked the
check hardware settings I have played with them all 1 at a time
I can't get the Vpp LED to light up any way.

When erasing a PIC I get no LED activity

What I have found is that there is no real Docs with either Program s
or enough information about the PICs eg Like a data base of tested
settings for PICs

Regards

Phillip
ZL2TZE

No virus found in this incoming message.
Checked by AVG.
Version: 8.0.100 / Virus Database: 269.23.6/1407 - Release Date: 4/30/2008
11:35 AM

60. Parallel Port PIC programming Help

Yahoo group: foxdelta
Date: 2008-05-04 21:13:46 UTC
From: Phillip
Topic: 60 Message: 60

Hi,
I am looking for some help with the programming of 16f628a PIC

PC is a Toshiba 2140 CDS laptop running WIN2000 Pro

I have a FoxDelta PIC Parallel programmer pre assembled
http://products.foxdelta.com/icp.htm#icp

I have tried WINPICPROG V 1.95 beta and Oshonsoft software and have asked
both questions
with no results the beta version is for the (a version chip)

I have the parallel port driver loaded

I am trying to up grade to aprs tracker code V0 11
http://sharon.esrac.ele.tue.nl/~pe1icq/projects/aprstacker.shtml

Reason for upgrade is that the FD version has no Altitude showing and I feel
that the smart beaconing rate is to slow for our road speed
and is more suited to EU

I have tried every thing on the above software sites and tried all the
different combinations of settings

I have replaced the 74HC14 chip on the PIC board checked voltages etc

Started with 13.8 Vlts regulated up to 18vlts

How do I tell if the PIC is damaged internally ?

Is there anyone using a Parallel programmer if so what program are you using
etc..

Any Help suggestions appreciated

73 Phillip
ZL2TZE

61. Re: [foxdelta] Parallel Port PIC programming Help

Yahoo group: foxdelta
Date: 2008-05-06 01:11:14 UTC
From: Phillip
Topic: 60 Message: 61

Hi Dave
I have tried 2 other HEX codes same results

I think it is a Program issue more than the Programmer.

What I need to is is there anyone else on the list with one and what are their settings

I have followed Nigel's settings as he has it on his site but he does say what the Printer port shpuld be set at
EPP or ESP etc

I have also tried it on a 3Ghz desktop PC

73 Phillip

-------Original Message-------

From: Dave Wheeler
Date: 5/05/2008 7:09:21 p.m.
To: Phillip
Subject: Re: [foxdelta] Parallel Port PIC programming Help

Hi Phillip,

Have you tried the programmed with any other .hex files ??
I know Nigel Goodwin has evaluated this programmer and it does work with WinPicProg

I don't have one of these programers but I know when I first started playing' with PIC's I used an assortment of parallel port programmers and the biggest problem was timing.
I know with Nigels software you can adjust the delays and the signal lines

Good Luck

73 Dave G0GMK

Phillip wrote:
Hi,
I am looking for some help with the programming of 16f628a PIC

PC is a Toshiba 2140 CDS laptop running WIN2000 Pro

I have a FoxDelta PIC Parallel programmer pre assembled
http://products.foxdelta.com/icp.htm#icp

I have tried WINPICPROG V 1.95 beta and Oshonsoft software and have asked both questions

with no results the beta version is for the (a version chip)

I have the parallel port driver loaded

I am trying to up grade to aprs tracker code V0 11
http://sharon.esrac.ele.tue.nl/~pe1icq/projects/aprstacker.shtml

Reason for upgrade is that the FD version has no Altitude showing and I feel
that the smart beaconing rate is to slow for our road speed
and is more suited to EU

I have tried every thing on the above software sites and tried all the
different combinations of settings

I have replaced the 74HC14 chip on the PIC board checked voltages etc

Started with 13.8 Vlts regulated up to 18vlts

How do I tell if the PIC is damaged internally ?

Is there anyone using a Parallel programmer if so what program are you using
etc..

Any Help suggestions appreciated

73 Phillip
ZL2TZE

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 269.23.8/1413 - Release Date: 03/05/2008
11:22

62. Re: Parallel Port PIC programming Help

Yahoo group: foxdelta
Date: 2008-05-07 22:09:42 UTC
From: Phillip Conza
Topic: 60 Message: 62

Hi All,
I have moved from the Laptop to a Desktop PC running XP I am
still not having any luck with the Programmer..

Can some-one tell me what the printer port should be set to EPP or ESP

73 Phillip
ZL2TZE

63. PM3 RF Power Meter with Data Logger

Yahoo group: foxdelta
Date: 2008-05-10 16:04:08 UTC
From: Dinesh Gajjar
Topic: 63 Message: 63

A new project for RF Power Meter with Data Logger output: PM3 is complete and kits are available in small quantities. Please visit project page at:

http://www.foxdelta.com/products/pm3.htm

Thanks & Regards/Dinesh

64. APRS Weather Station

Yahoo group: foxdelta
Date: 2008-05-22 16:16:05 UTC
From: Dinesh Gajjar
Topic: 64 Message: 64

Project & kits for a stand alone, aprs weather station, WX1 is ready.
Kindly visit:

http://www.foxdelta.com/products/wx1.htm

Thanks & 73s/Dinesh

65. FoxTrak - M

Yahoo group: foxdelta
Date: 2008-06-08 16:57:38 UTC
From: Dinesh Gajjar
Topic: 65 Message: 65

Popular APRS Tracker "FoxTrak", is now available as a module with 0.1inch headers instead of D9 Connectors.

Although specifically designed for forth coming "FoxView2" APRS Terminal, this module may be used by radio amateurs within their own projects.

Please visit project page at:

http://www.foxdelta.com/products/foxtrak-m.htm

73s/Dinesh

66. HF LCD SWR Meter Kit

Yahoo group: foxdelta
Date: 2008-06-27 05:31:35 UTC
From: Dinesh Gajjar
Topic: 66 Message: 66

Long awaited, HF LCD SWR Meter Kits are now ready.
Kindly visit: http://www.foxdelta.com/products/swr-hf.htm

Regards/Dinesh

68. APRS Tracker

Yahoo group: foxdelta
Date: 2008-07-03 18:05:35 UTC
From: Ronald Mallett
Topic: 23 Message: 68

first let me say, great kit. I am trying to get my local Raynet group interested in bulding a few of these. I did end up with 1 spare 0.1uf cap (5 in the bag, 4 on the board and 4 on ther circuit???)

UNFORTUNATELY

The GPS I intend to use has TTL out (it works well with TinyTrak3+ because you can set it) and there isnt a setting on the 16f84 firmware

Does anyone know if there is a firmware that has the option for TTL output GPS. If I could find it it would make the whole system approx £60 (UK) (£14 foxdelta, £16 gps, £21 2m handie, rest connectors etc)

Hope to hear soon

73

Ronnie

69. 1200 bps modem with USB

Yahoo group: foxdelta
Date: 2008-07-05 14:25:23 UTC
From: w4cwz
Topic: 69 Message: 69

Hi all:

I am waiting for my kit to arrive, and have a question for the group. I hope to use this with my Thinkpad T22 which has Windows XP Pro SP2 installed. Has anyone tried this? It is my understanding that the Baycom serial type modems will not work with XP. I am hoping that I can make this work, perhaps with the USB option. As a last resort, I may have to install Windows 98SE on the poor laptop, perhaps in a dual boot configuration, although I would like to avoid this. ANy thoughts, comments, suggestions? The other alternative may be to boot into a DOS using a live CD and run BayPac or equivilant. Again it would be nice to stick with XP, so I don't have to reboot constantly. One goal is to run AIrmail or Paclink for Winlink 2000, which requires XP for full implemtation.
Any help offered will be much appreciated, and if I find a solution I will post it here for all to see.

Thanks and 73,

John W4CWZ

70. PB2: Programming Board with ZIF

Yahoo group: foxdelta
Date: 2008-07-12 13:00:37 UTC
From: Dinesh Gajjar
Topic: 70 Message: 70

New Programming Board PB2, consist of 40, 20 & 18pin ZIF sockets.
Design is similar to PB1 otherwise.

Board is suitable(fully compitable) with PICKIT2, FD-ICP and FD-SPP programmers.

please visit: http://www.foxdelta.com/products/pb2.htm for more details

Regards/Dinesh

71. FoxDigi

Yahoo group: foxdelta
Date: 2008-07-25 09:01:00 UTC
From: Dinesh Gajjar
Topic: 71 Message: 71

A new project: FoxDigi is uploaded with most documents. Please visit:

http://www.foxdelta.com/products/foxdigi.htm

FoxDigi is a Tracker/TNC/Modem for 1200baud and dsnt require a MX614.
Instead it uses PIC16F88.

I am looking for few aprs active hams to evaluate this kits. If you
have most of following items, please contact me for a free eva.kit:

Enough aprs traffic around
a portable vhf rig
a gps (4800 baug)
your own or Nearby digi IGATE

73s/Dinesh

72. OZ2Meter - displays on-screen the readings from the PM3 power meter

Yahoo group: foxdelta
Date: 2008-08-01 16:51:50 UTC
From: g4hfq
Topic: 72 Message: 72

OZ2Meter is a free program that displays the readings of the PM3 power meter on-screen in dBm. It runs on Win98, XP and Vista.

Readings can also be passed to PolarPlot, a free program that takes plots of the radiation patterns of beam antennas.

http://www.g4hfq.co.uk/plphelp/plphelp.htm

Both programs can be downloaded from this page:

http://www.g4hfq.co.uk/download.html

Look towards the end of the page.

73,
Bob G4HFQ

73. FoxView2- An APRS Terminal

Yahoo group: foxdelta
Date: 2008-08-14 14:44:20 UTC
From: Dinesh Gajjar
Topic: 73 Message: 73

A new project: FoXview2 is almost completed & tested. FoxView2 includes an LCD Viewer and a choice of tracker module. Foxview2 may address following (With FD-OT+ module)

1. Aprs viewer with LCD 4x20
2. APRS Tracker (With or without GPS)
3. A stand alone 1Wire APRS Weather Station
4. A kiss TNC

and more. (All the capabilities of OT+ are available.

Project documents are not ready but expected to be completed by 20th August.

Kindly visit project page at:

http://products.foxdelta.com/foxview2.htm

Regards/Dinesh

74. Japan Ham Fair Aug-2008

Yahoo group: foxdelta
Date: 2008-08-22 16:48:07 UTC
From: Dinesh Gajjar
Topic: 74 Message: 74

Hello

Friends in Japan have put up a nice display of Fox Delta Kits at Ham Fair. Kits are specially selected for APRS related activities.

Kindly visit web page for pictures:

http://www.foxdelta.com

Thanks & 73s/Dinesh

75. SC2: Sound Card Interface

Yahoo group: foxdelta
Date: 2008-08-23 11:23:22 UTC
From: Dinesh Gajjar
Topic: 75 Message: 75

Long awaited, sound card interface kits are now available. SC2 supports COR isolation useful for echolink.

Pls visit : http://www.foxdelta.com/products/sc2.htm

73s/Dinesh

76. REC Led always ON

Yahoo group: foxdelta
Date: 2008-08-29 18:55:06 UTC
From: gervais
Topic: 76 Message: 76

hi

i am configuring my Foxdigi,

when i apply 12vdc the PWR and REc are On.

why the REC is alway on??

even after programmation,when i connect the 12vdc it stays ON

so it wont detect any traffic??

73/s thanks for your help

Gervais,ve2ckn

77. 12 vdc and no lights on

Yahoo group: foxdelta
Date: 2008-08-28 20:46:39 UTC
From: gervais
Topic: 77 Message: 77

hi all

i connected on the pin7 of J3 :12vdc

H1 is Right selected to gave 5vdc at the GPS.

no light are ON the Foxtrak,

the 5 vdc onboard regulator is working ,i have on Pin

on Pin4 of J2 i have 5 vdc for the GPS,i even connected my little Gps ADS-GM1 is red light is turn on but not blinking so the Foxtrak does not talk to it ,,,,,,

i connecte at j2 a cable between pc and it,no communication between the Foxtrak and the pc.

i need some advise where to look,some lecture to be taken,,

what is bugging me is that NO LED are flashing,,,H2 is ON

thnaks for your help

gervais ve2ckn

78. FoxDigi PCBs

Yahoo group: foxdelta
Date: 2008-08-30 03:20:04 UTC
From: Dinesh Gajjar
Topic: 78 Message: 78

Hello

Looking to great interest on FoxDigi project & demand for simple single sided PCB design, I have tried to make one. Single Sided designs are tough but i have made an effort to achieve this, as fast as I can!!! I hope this will help those looking for homemade boards for this project.

Kindly visit: http://www.foxdelta.com/products/foxdigi.htm for download of B&W picture & Single Sided Gerber files

or download here

http://www.foxdelta.com/products/foxdigi/fdigi-ss.zip

73s/Dinesh

79. TinyEcho

Yahoo group: foxdelta
Date: 2008-08-31 14:39:12 UTC
From: Dinesh Gajjar
Topic: 79 Message: 79

TinyEcho project is now updated. PCBs and Kits are available.
New interface uses RJ45 connector for transceiver and high quality
bourns SMT transformers.

Interface may be used without power and gives 100% galvenic isolation
between transceiver and PC.

Interface supports echolink COR requirements.

please visit: http://www.foxdelta.com/products/tinyecho.htm

Regards/Dinesh

80. Manufacturing Error on D9 Male Connectors

Yahoo group: foxdelta
Date: 2008-09-04 04:40:57 UTC
From: Dinesh Gajjar
Topic: 80 Message: 80

I have just found that D9M connectors supplied with few ST3 and FoxDigi kits had wrong pin numbers on connectors.

Kindly ignore it as consider standard pinout of D9M.

The document for detail is at:

http://www.foxdelta.com/products/foxdigi/D9M-Error.pdf

Connectors with error were supplied on very few kits shipped during August 08. Since then, we have replaced all connectors with standard numbers.

73s/Dinesh

81. VixenTrak

Yahoo group: foxdelta
Date: 2008-09-15 03:23:38 UTC
From: Dinesh Gajjar
Topic: 81 Message: 81

A new plug-in module for FoxView2 is ready, called "VixenTrak"!!
Its a simple PIC88 based GPS-less (or with GPS!) position encoder
preliminary designed for FOXVIEW2, An APRS Terminal for home ham
Stations. (Foxview2 kits are not ready yet but expected to be by 20th
Sept 08)

http://www.foxdelta.com/products/vixentrak.htm

Regards/Dinesh

82. ST3 Assembled Problem

Yahoo group: foxdelta
Date: 2008-09-19 02:35:21 UTC
From: Dinesh Gajjar
Topic: 82 Message: 82

During the last of week august-08, I shipped couple of ST3 assembled.
I am very upset with the fact that they were not assembled or tested
properly, resulting frustration at the receiving end as well as to me.

Since this, I have stopped supply of ST3 as assembled for the reasons
that I only have one right hand and many left hands!!

I regret for this and got a lesson that there is no need to promote
people around here who can not solder well and cant see if few
resistors are not installed and say its "ready".

Regards/Dinesh

83. FoxView2

Yahoo group: foxdelta
Date: 2008-09-29 09:05:46 UTC
From: Dinesh Gajjar
Topic: 83 Message: 83

Hello

I am happy to inform all of you, waiting for a long, that FoxView2
Kits are finally ready.

http://www.foxdelta.com/products/foxview2.htm

Its available with two variation of add-on modules.
FoxTrak module is suitable for operation with a GPS whereas, VixenTrak
is good for gps-less position encoder with digipeater. An ideal way to
have aprs data monitored at home.

Thanks & regards/Dinesh

84. ST3 rotator controller connections

Yahoo group: foxdelta
Date: 2008-10-06 18:32:07 UTC
From: Pete Badham
Topic: 84 Message: 84

Hi Dinesh,

The club has just received the ST3 from you, nice bit of kit.

I have tested the operation through satpc32 and the little test board supplied, very helpful indeed.

One question....
The text in the rotator interface connections section says that rotator pin 3 is down and pin 4 is up, this corresponds to the pin out details in the G5500 manual. However the picture showing the connections says that pin 3 is up and pin 5 is down, just thought you should know just in case someone else gives you a hard time.

I am sticking with the text information and the details in the manual.

I'll let you know how we get on.

Pete G0WXJ

85. FoxDigi - Configuring MAYALIAS?

Yahoo group: foxdelta
Date: 2008-10-07 05:52:43 UTC
From: Robert
Topic: 85 Message: 85

Hi Dinesh, Hi all,

Just received the Fox Digi and got it up and running for a couple of days as a stand alone digi.
It works fine, but I can´t figure out how to configure MYALIAS to relay packets with TRACEn-N or WIDEn-N?
Ie. setting MYALIAS WIDE1-1 just relaying packets with WIDE1-1, setting only "WIDE" doesn´t work if a station uses WIDEn-n

Questions:

- How should I configure it to answer on all WIDEn-n? (WIDE3-3, WIDE2-1 etc.)

- Is it possible to configure it to use more than one(1) alias? (ie. RELAY,WIDE3-3)

- Is Foxdigi supporting tracable packets? in order to support the New n-N Paradigm.
Example: http://aprs.org/fix14439.html and http://www.qsl.net/n8deu/uidigi_eprom_settings.htm#UITraceCall

In Sweden (and other European countries) there are no "standard" yet how to configure your local APRS-network, but hopefully there will be a standard like the new N-n Paradigm they are using in USA.

Kind regards,
Robert, SM4WWO

86. Foxdigi with Uiview32

Yahoo group: foxdelta
Date: 2008-10-11 11:41:50 UTC
From: uturn81
Topic: 86 Message: 86

Hello everyone,
I just wanna ask, Can the Foxdigi connect to PC
as a TNC to work with Uiview 32 & AGWPE.
Now I'm using the sound card interface
as a TNC. It would be great if Foxdigi become
a TNC for my PC.
Thank you.
Nabil 9w2mnr.

87. Yaesu G-5500 450 degree issue Satellite Tracking Interface- ST3

Yahoo group: foxdelta
Date: 2008-10-22 05:21:47 UTC
From: briankaywalker
Topic: 87 Message: 87

Does anyone have the ST3 up and running with a G-5500? I can't get the ST3 to read 450 degrees using the test board.

Also having trouble getting the 450 button to be enabled in SatPC32... I read all about the flip no flip set up but even with 90 degree selected the 450 button is not enabled.

I was hoping to get DL7AOL's code for the Pic (G-5500 450 version), but can't find it on the FoxDelta site.

Any help would be greatly appeciated...

Brian K9BKW

88. Re: Yaesu G-5500 450 degree issue Satellite Tracking Interface- ST3

Yahoo group: foxdelta
Date: 2008-10-22 05:57:09 UTC
From: Dinesh Gajjar
Topic: 87 Message: 88

Hello Brian

I already sent you firmware & G0WXJ G5500 setup doc but mail bounced twice.

Same documents may also be downloaded from:

http://www.vu2fd.com/software/

Regards/Dinesh

--- In foxdelta@yahoogroups.com, "briankaywalker" <briankaywalker@...> wrote:
>
> Does anyone have the ST3 up and running with a G-5500? I can't get the
> ST3 to read 450 degrees using the test board.
>
> Also having trouble getting the 450 button to be enabled in SatPC32...
> I read all about the flip no flip set up but even with 90 degree
> selected the 450 button is not enabled.
>
> I was hoping to get DL7AOL's code for the Pic (G-5500 450 version), but
> can't find it on the FoxDelta site.
>
> Any help would be greatly appeciated...
>
> Brian K9BKW
>

89. ST2 Kits

Yahoo group: foxdelta
Date: 2008-10-23 13:23:09 UTC
From: Dinesh Gajjar
Topic: 89 Message: 89

ST2 Satellite Antenna Tracking Interface, with PIC16F876A and 2x16
LCD, was tested with good results and kits will be ready by 20th of Nov.

Kindly visit project page at:

http://www.foxdelta.com/products/st2.htm

73s/Dinesh

90. Foxdigi No Receive Trace

Yahoo group: foxdelta
Date: 2008-11-01 01:08:58 UTC
From: Bill
Topic: 90 Message: 90

I have built two of these over the past 2 evenings, and I have a problem.

1. Trace rcv never displays the debug output on either unit.
2. The receive led lights when receiving a signal on both units.
3. Neither unit has ever displayed any received signals

I could understand I may have made an error building one unit, but
both display the same problem.

Trace xmit will display debug output on both units during xmit.

Both these units have 9600 baud firmware, but both seem very slow to
respond to commands, and the HELP/Display command screen also is very
slow to display.

I sure could use some help or ideas on what I did wrong.

91. 500MHZ RF Power Meter: PM3

Yahoo group: foxdelta
Date: 2008-11-15 06:53:25 UTC
From: Dinesh Gajjar
Topic: 91 Message: 91

Hello

Redesigned PM3A is now ready and all documents & schematics posted at:

http://www.foxdelta.com/products/pm3.htm

Kits are expected to be ready within couple of days.

73s/Dinesh

94. FoxTrak Kit Error

Yahoo group: foxdelta
Date: 2008-11-23 12:23:09 UTC
From: Dinesh Gajjar
Topic: 94 Message: 94

Hello

FoxTrak kits dispatched between 9th & 16th Nov were sent with 78L05 in place of BC547B.

I regret for this error and will dispatch BC547B by tomorrow, to all.

If you received a FoxTrak kit recently, please double check TO92 package part if its a 78L05 or BC547B!!

73s/Dinesh

95. Fox Delta website?

Yahoo group: foxdelta
Date: 2008-12-01 02:49:08 UTC
From: ks4ji46
Topic: 95 Message: 95

Unable to connect to website. Will it be returning soon?
Gary KS4JI

96. Fox Delta Web Site

Yahoo group: foxdelta
Date: 2008-12-01 03:55:57 UTC
From: Dinesh Gajjar
Topic: 96 Message: 96

Hello

I regret that Fox Delta Web site is off due to Bandwidth limit. I have 30GB of BW which is used by Fox.

This will last till midnight of 30th but I will certainly find a solution to this soon.

Regards/Dinesh

97. Re: Fox Delta website?

Yahoo group: foxdelta
Date: 2008-12-01 04:03:53 UTC
From: Dinesh Gajjar
Topic: 95 Message: 97

Hello
Yes, website is off due to BW limit. It will restore by midnight 30th.
Will resolve this soon.
73s/Dinesh

--- In foxdelta@yahoogroups.com, "ks4ji46" <ks4ji46@...> wrote:
>
> Unable to connect to website. Will it be returning soon?
> Gary KS4JI
>

99. Fox digi

Yahoo group: foxdelta
Date: 2008-12-29 21:51:01 UTC
From: Robin
Topic: 99 Message: 99

Hi All,
I have built the fox digi and have it all working fine but can't get it to digi on WIDE1-1.
Is there any secret to get it working. My tracker is set up for wide1-1,wide2-2 and it works fine with all other digi's.
If i set the foxdigi to wide2-2 alias it works fine.

Thanks in advance,
Robin. ZL3REW

100. Sound Card Interface

Yahoo group: foxdelta
Date: 2008-12-31 14:47:04 UTC
From: Dinesh Gajjar
Topic: 100 Message: 100

Economical Sound card interface SC1 is once again available. Please visit project page for more information:

http://www.foxdelta.com/products/sc1.htm

73s/Dinesh

101. Re: Parallel port ICP PIC programmer

Yahoo group: foxdelta
Date: 2009-01-12 13:18:05 UTC
From: benoeelka
Topic: 59 Message: 101

Hay everybody,
I had the typically similar problem with "Phillip". I have used both oshonparalel programmer software and win pic. But It's seem became failed.
I have already check the required voltage on every tracks. The LED has the same result too with phillip's problem.
But, I still had the same message when verify and when I read the chip code with oshon I didn't get the expected value.

Is the the parallel cable length is important?
are anyone can explain the problem?

thx for ur solution guys

--- In foxdelta@yahoogroups.com, "Phillip" <zl2tze@...> wrote:
>
> Hi All,
> I am still battling with the PIC programmer I was using a
> Regulated pwr supply @ 13.8 went to 14vlts and now using an 18 vlt battery I
> still can't get the data written
>
> WINPICPROG
>
> Status of LEDS when first turned on
> Pwr On
> Vdd On
> Vpp40 On
>
> Status LEDS Erase
>
> Vdd Off
> Vpp Flashes and goes out
> Vpp40 On
>
> Status LEDs on Write
>
> Vdd Flashes
> Vpp On while writing then goes out
> Vpp40 On
>
> Status LEDs on Read
>
> Vdd Flashes
> Vpp Flashes
> Vpp40 On

>
> Still have error 0x000
>
> 73 Phillip
> ZL2TZE
>
>
>
> -------Original Message-------
>
> From: Bob Innes
> Date: 1/05/2008 7:36:07 a.m.
> To: Phillip
> Subject: Re: [foxdelta] Parallel port ICP PIC programmer
>
> Hi Phillip,
>
> Something just occurred to me, where you get a program verify error at
> address 0x000,
> I had the same fault, and found out that my VPP voltage was too low
- have a
> look at that!
> I jacked mine up to 13.8 volts - it now woeks OK.
>
> Cheers,
>
> Bob
>
>
>
>
> On 29/04/2008, Phillip <zl2tze@...> wrote:
>
> Hi,
>
> I am having problems with I don't really know what.
>
> Ok I am running Win 2000 with service pack 4 on
> a Toshiba Satellite 2140 CDS Laptop
> with a AMD K-6 3D processor
> with heaps of RAM
>
> I have WINPICPROG 1,9
>
> A Fox Delta ICP Pic programmer and adaptor
> pre built and tested
>
> My supply voltage is 15 Vlts DC
>
> My PIC is 16F628a

>
> My config is as on the site below for 16F628a for FD-ICP
> http://www.winpicprog.co.UK/
>
> When I read the PIC Vdd and Vpp flicker
>
> When I erase the PIC Vdd flashes
>
> I write to the PIC Vpp locks on while Vdd has a dim glow
>
> The program says it is writing data to program memory
> then there is a flicker of the Vdd and Vpp Led then it
> tells me that it writing the eeprom data memory
> then I get the report that 128 program word written in 18 sec
>
> But when I verify I get Program verify error at program address
> 0x000
>
> The PIC has nothing written to it yet when I read it the following is in
> the Hex Dump
> : 02400E00F3D74
> :00000001FF
>
> I have tried the the Output and Clock on Low and High
>
> Port is $3D78
>
> I get config Word += $ 3D66
>
> I have also sent many hours trying other software
>
> Oshonsoft.com Parallel Pic Programmer
>
> I get the port ready sign on (port 3) but don't see any
> activity in the Vpp or the Vpp40 LEDs
>
> Program tells me it is writing to the PIC but its empty
>
> I have tried inverting the Hardware settings and I have also ticked the
> check hardware settings I have played with them all 1 at a time
> I can't get the Vpp LED to light up any way.
>
> When erasing a PIC I get no LED activity
>
> What I have found is that there is no real Docs with either Program s
> or enough information about the PICs eg Like a data base of tested
> settings for PICs
>
> Regards
>

> Phillip
> ZL2TZE
>
>
>
>
>
>
>
>
>
>
>
>
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 8.0.100 / Virus Database: 269.23.6/1407 - Release Date:
4/30/2008
> 11:35 AM
>

102. new to PIC chips help

Yahoo group: foxdelta
Date: 2009-01-25 02:10:23 UTC
From: Michael Russell
Topic: 102 Message: 102

Hello there, i bought 2 kits from Dinesh, a fox tracker and a fox digi, the fox track is working fine but the digi is not, Dinesh even send me another pic chip assuming that was the problem. But i suspect it is the crystal, i don't have and test equiptment to test the crystal but this is what i did. With the fox track which has a 10mhz crystal i tuned my hf radio to 10mhz and heard a strady tone while power was on, the digi has a 20mhz crystal so i tuned to 20mhz and hear nothing. So i am assuming either the crystal is bad, or the 27pf caps may need to be dropped to 22pf as the tracker has for it's crystal. The digi instructions state 22 or 27pf and i got the 27pf in the kit.

Anyone have any thoughts on this?

Thanks Mike

103. Re: new to PIC chips help

Yahoo group: foxdelta
Date: 2009-01-25 03:36:30 UTC
From: Dinesh Gajjar
Topic: 102 Message: 103

Hello Mike
That is correct. Xtal may be a problem but PIC may be diffective too.
Because osc is inside PIC, if xtal is good but PIC is defective
(with corrupted code or static damage) its difficult to know which one
is defective.
73s/Dinesh

--- In foxdelta@yahoogroups.com, "Michael Russell" <mike@...> wrote:
>
> Hello there, i bought 2 kits from Dinesh, a fox tracker and a fox
> digi, the fox track is working fine but the digi is not, Dinesh even
> send me another pic chip assuming that was the problem. But i suspect
> it is the crystal, i don't have and test equiptment to test the
> crystal but this is what i did. With the fox track which has a 10mhz
> crystal i tuned my hf radio to 10mhz and heard a strady tone while
> power was on, the digi has a 20mhz crystal so i tuned to 20mhz and
> hear nothing. So i am assuming either the crystal is bad, or the 27pf
> caps may need to be dropped to 22pf as the tracker has for it's
> crystal. The digi instructions state 22 or 27pf and i got the 27pf in
> the kit.
>
>
> Anyone have any thoughts on this?
>
> Thanks Mike
>

104. Re: [foxdelta] new to PIC chips help

Yahoo group: foxdelta
Date: 2009-01-25 12:34:54 UTC
From: gervais
Topic: 102 Message: 104

Hi Mike
i add exactely the same problem
i could not communicate with it too configure it

73/s
gervais ve2ckn

From: "Michael Russell" <mike@...>
Sent: Saturday, January 24, 2009 9:10 PM
To: <foxdelta@yahoogroups.com>
Subject: [foxdelta] new to PIC chips help

> Hello there, i bought 2 kits from Dinesh, a fox tracker and a fox
> digi, the fox track is working fine but the digi is not, Dinesh even
> send me another pic chip assuming that was the problem. But i suspect
> it is the crystal, i don't have and test equiptment to test the
> crystal but this is what i did. With the fox track which has a 10mhz
> crystal i tuned my hf radio to 10mhz and heard a strady tone while
> power was on, the digi has a 20mhz crystal so i tuned to 20mhz and
> hear nothing. So i am assuming either the crystal is bad, or the 27pf
> caps may need to be dropped to 22pf as the tracker has for it's
> crystal. The digi instructions state 22 or 27pf and i got the 27pf in
> the kit.
>
>
> Anyone have any thoughts on this?
>
> Thanks Mike
>
>
>
> ---
>
> Fox Delta Amateur Radio Projects & KitsYahoo! Groups Links
>
>
>
>

105. ST2 Metal Cases

Yahoo group: foxdelta
Date: 2009-02-06 11:43:33 UTC
From: Dinesh Gajjar
Topic: 105 Message: 105

Hello

In view to make things easier for homebrewer, ST2 Kits & Assembled are now supplied with Free Powder Coated Metal Case.

http://foxdelta.com/products/st2.htm

Metal cases for previous owners are available at nominal charge.

Regards/Dinesh Gajjar

106. SC2 Metal Cases

Yahoo group: foxdelta
Date: 2009-02-14 12:18:17 UTC
From: Dinesh Gajjar
Topic: 106 Message: 106

Hello

In view to provide all the popular kits with a metal case to make things easier for homebrewer, SC2 Sound card interface is now supplied with a free powder coated metal case.

Kindly visit http://foxdelta.com/products/sc2.htm for more details.

Regards/Dinesh

107. FoxDigi Cases

Yahoo group: foxdelta
Date: 2009-02-17 12:16:19 UTC
From: Dinesh Gajjar
Topic: 107 Message: 107

Hello

New version of FoxDigi is now supplied with a Powder Coated Metal Case.

New cases are also being standardized for FoxDigi, OT+, VixenTrak, VixenPLD and Foxtrak.

http://www.foxdelta.com/products/foxdigi.htm

Regards/Dinesh

108. Free PM3A Metal Cases

Yahoo group: foxdelta
Date: 2009-02-25 07:21:09 UTC
From: Dinesh Gajjar
Topic: 108 Message: 108

Hello

Finally, cases for PM3A 500MHZ RF Power Meter are available. Cases are supplied free of charge but to cover the increased weight of the kit due to metal cases, $3 is added to the price. I regret for this but it was unavoidable.

http://www.foxdelta.com/products/pm3.htm

Regards/Dinesh

109. FoxDigi as TNC

Yahoo group: foxdelta
Date: 2009-02-27 19:38:08 UTC
From: acoxe
Topic: 109 Message: 109

Hi,

Has anyone used the FoxDigi as a standard packet TNC?
What software are you using?

73
Allen
LA0HT/VK6BFO

110. NEWBIE!

Yahoo group: foxdelta
Date: 2009-03-04 23:42:50 UTC
From: w4hln
Topic: 110 Message: 110

Hello Dinesh and the group! I'm Ernie / W4HLN in Nicholasville Ky. Hope to visit here often. I ordered an SC1 Kit yesterday and looking forward to trying it out. Very nice interface!

73 all!

Ernie

111. ST3 Cases

Yahoo group: foxdelta
Date: 2009-03-05 13:58:17 UTC
From: Dinesh Gajjar
Topic: 111 Message: 111

Hello
ST3 Satellite Antenna Tracker interface is now updated with new boards & is supplied with powder coated metal cases.

New board is having same size as ST2 and has 4 front panel LEDs. Also uses DIP8 LT1298 chip

http://www.foxdelta.com/products/st3.htm

73s/Dinesh

112. Nice to be here....73s

Yahoo group: foxdelta
Date: 2009-03-09 02:10:15 UTC
From: Ernest Luther Clark,Jr
Topic: 112 Message: 112

Hello to all,
 My name is Ernest and I am a licensed ham and my call is DU1EC and I am from the Philippines,
73s
de
Ernest DU1EC

Tnx and 73s
ERNEST DU1EC
www.frappr.com/du1ec
HAVE A NICE DAY SEE YOU AGAIN
www.qrz.com/du1ec
www.eQSL.cc/du1ec
www.416qsa.ning.com
www.du1ec.multiply.com
www.dx1er.multiply.com

113. FoxDigi - Configuring MAYALIAS?

Yahoo group: foxdelta
Date: 2009-03-22 22:48:49 UTC
From: ea2ip
Topic: 85 Message: 113

--- In foxdelta@yahoogroups.com, "Robert" <robban.lind@...> wrote:
>
> Hi Dinesh, Hi all,
>
> Just received the Fox Digi and got it up and running for a couple of
> days as a stand alone digi.
> It works fine, but I can´t figure out how to configure MYALIAS to
> relay packets with TRACEn-N or WIDEn-N?
> Ie. setting MYALIAS WIDE1-1 just relaying packets with WIDE1-1,
> setting only "WIDE" doesn´t work if a station uses WIDEn-n
>
>
> Questions:
>
> - How should I configure it to answer on all WIDEn-n? (WIDE3-3,
> WIDE2-1 etc.)
>
> - Is it possible to configure it to use more than one(1) alias? (ie.
> RELAY,WIDE3-3)
>
> - Is Foxdigi supporting tracable packets? in order to support the New
> n-N Paradigm.
> Example: http://aprs.org/fix14439.html and
> http://www.qsl.net/n8deu/uidigi_eprom_settings.htm#UITraceCall
>
>
> In Sweden (and other European countries) there are no "standard" yet
> how to configure your local APRS-network, but hopefully there will be
> a standard like the new N-n Paradigm they are using in USA.
>
>
>
>
> Kind regards,
> Robert, SM4WWO
>

114. FoxDigi - Configuring MAYALIAS?

Yahoo group: foxdelta
Date: 2009-03-23 15:01:07 UTC
From: ea2ip
Topic: 85 Message: 114

Its posible put more than 1 MYALIAS?

MYALIAS WIDE1-1,WIDE2-2,WIDE2-1

rEGARDS
--- In foxdelta@yahoogroups.com, "Robert" <robban.lind@> wrote:
>
> Hi Dinesh, Hi all,
>
> Just received the Fox Digi and got it up and running for a couple of
> days as a stand alone digi.
> It works fine, but I can´t figure out how to configure MYALIAS to
> relay packets with TRACEn-N or WIDEn-N?
> Ie. setting MYALIAS WIDE1-1 just relaying packets with WIDE1-1,
> setting only "WIDE" doesn´t work if a station uses WIDEn-n
>
>
> Questions:
>
> - How should I configure it to answer on all WIDEn-n? (WIDE3-3,
> WIDE2-1 etc.)
>
> - Is it possible to configure it to use more than one(1) alias? (ie.
> RELAY,WIDE3-3)
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> - Is Foxdigi supporting tracable packets? in order to support the New
> n-N Paradigm.
> Example: http://aprs.org/fix14439.html and
> http://www.qsl.net/n8deu/uidigi_eprom_settings.htm#UITraceCall
>
>
> In Sweden (and other European countries) there are no "standard" yet
> how to configure your local APRS-network, but hopefully there will be
> a standard like the new N-n Paradigm they are using in USA.
>
>
>
>
> Kind regards,
> Robert, SM4WWO
>

--- End forwarded message ---

115. Re: [foxdelta] FoxDigi - Configuring MAYALIAS?

Yahoo group: foxdelta
Date: 2009-03-24 13:49:17 UTC
From: Jesus M
Topic: 85 Message: 115

Hello, I try put in MYALIAS WIDE1-1,WIDE2-2,WIDE2-1 and not work

why?

Saludos, Jesus Mª
EA2IP - IN83lh

_____
De: Stephen Black <kb1chu@...>
Para: ea2ip <ea2ip@...>
Enviado: lunes, 23 de marzo, 2009 16:38:58
Asunto: RE: [foxdelta] FoxDigi - Configuring MAYALIAS?

Different MYALIAS should be separated by commas.eg. kb1chu,wide1-1,wide2-1   KB1CHU

_____

From:foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of ea2ip
Sent: Monday, March 23, 2009 11:01 AM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] FoxDigi - Configuring MAYALIAS?

Its posible put more than 1 MYALIAS?

MYALIAS WIDE1-1,WIDE2- 2,WIDE2-1

rEGARDS
--- In foxdelta@yahoogroup s.com, "Robert" <robban.lind@ > wrote:
>
> Hi Dinesh, Hi all,
>
> Just received the Fox Digi and got it up and running for a couple of
> days as a stand alone digi.
> It works fine, but I can´t figure out how to configure MYALIAS to
> relay packets with TRACEn-N or WIDEn-N?
> Ie.. setting MYALIAS WIDE1-1 just relaying packets with WIDE1-1,
> setting only "WIDE" doesn´t work if a station uses WIDEn-n
>
>
> Questions:
>
> - How should I configure it to answer on all WIDEn-n? (WIDE3-3,
> WIDE2-1 etc.)
>
> - Is it possible to configure it to use more than one(1) alias? (ie.
> RELAY,WIDE3- 3)
>

> - Is Foxdigi supporting tracable packets? in order to support the New
> n-N Paradigm.
> Example: http://aprs. org/fix14439. html and
> http://www.qsl. net/n8deu/ uidigi_eprom_ settings. htm#UITraceCall
>
>
> In Sweden (and other European countries) there are no "standard" yet
> how to configure your local APRS-network, but hopefully there will be
> a standard like the new N-n Paradigm they are using in USA .
>
>
>
>
> Kind regards,
> Robert, SM4WWO
>

--- End forwarded message ---

116. Re: [foxdelta] FoxDigi - Configuring MAYALIAS?

Yahoo group: foxdelta
Date: 2009-03-24 21:21:53 UTC
From: Robert Lind
Topic: 85 Message: 116

Hello All,

I have tried several times to use more than one myalias, but it´s not working.
I have understand that the foxdigi is just working for one MYALIAS. So it is a great digipeater if you want to use it as a fill in digipeater.

For a complete digipeater use uidigi, digined etc.

Best regards,
Robert, sm4wwo

2009/3/24 Jesus M <ea2ip@...>

> Hello, I try put in MYALIAS WIDE1-1,WIDE2-2,WIDE2-1 and not work
>
> why?
>
> ----
> Saludos, Jesus Mª
> EA2IP - IN83lh
>
> ----------
> *De:* Stephen Black <kb1chu@...>
> *Para:* ea2ip <ea2ip@...>
> *Enviado:* lunes, 23 de marzo, 2009 16:38:58
> *Asunto:* RE: [foxdelta] FoxDigi - Configuring MAYALIAS?
>
> Different MYALIAS should be separated by commas.eg.
> kb1chu,wide1-1,wide2-1 KB1CHU
>
>
> ----------
>
> *From:* foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] *On
> Behalf Of *ea2ip
> *Sent:* Monday, March 23, 2009 11:01 AM
> *To:* foxdelta@yahoogroups.com
> *Subject:* [foxdelta] FoxDigi - Configuring MAYALIAS?
>
>
>
> Its posible put more than 1 MYALIAS?
>
> MYALIAS WIDE1-1,WIDE2- 2,WIDE2-1
>

> rEGARDS
> --- In foxdelta@yahoogroup s.com <foxdelta%40yahoogroups.com>, "Robert"
> <robban.lind@ > wrote:
> >
> > Hi Dinesh, Hi all,
> >
> > Just received the Fox Digi and got it up and running for a couple of
> > days as a stand alone digi.
> > It works fine, but I can´t figure out how to configure MYALIAS to
> > relay packets with TRACEn-N or WIDEn-N?
> > Ie. setting MYALIAS WIDE1-1 just relaying packets with WIDE1-1,
> > setting only "WIDE" doesn´t work if a station uses WIDEn-n
> >
> >
> > Questions:
> >
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> > WIDE2-1 etc.)
> >
> > - Is it possible to configure it to use more than one(1) alias? (ie.
> > RELAY,WIDE3- 3)
> >
> > - Is Foxdigi supporting tracable packets? in order to support the New
> > n-N Paradigm.
> > Example: http://aprs. org/fix14439. html <http://aprs.org/fix14439.html>and
> > http://www.qsl. net/n8deu/ uidigi_eprom_ settings.
htm#UITraceCall<http://www.qsl.net/n8deu/uidigi_eprom_settings.htm#UITraceCall>
> >
> >
> > In Sweden (and other European countries) there are no "standard" yet
> > how to configure your local APRS-network, but hopefully there will be
> > a standard like the new N-n Paradigm they are using in USA .
> >
> >
> >
> >
> > Kind regards,
> > Robert, SM4WWO
> >
>
> --- End forwarded message ---
>
>
>

117. Re: [foxdelta] FoxDigi - Configuring MAYALIAS?

Yahoo group: foxdelta
Date: 2009-03-25 03:02:18 UTC
From: Phillip
Topic: 85 Message: 117
Attachments: 1 described; binary payloads are missing from this source WARC

As per the config docs

http://www.foxdelta.com/products/foxdigi/foxdigi-config.pdf

MYALIAS is either RELAY / TRACE / WIDE (obsolete in many countries) or
WIDEN-n eg WIDE2-2 or WIDE3-3
which is the current adopted recommendation .

EG MYCALL XExxxx
MYALias WIDE1-1 or WIDE2-2 or WIDE3-3 or (TRACE,WIDE
RELAY obsolete in many countries)

It can't be RELAY,WIDE1-1 or WIDE,WIDE2-2 or TRACE,WIDE2-1 or WIDE1-1
WIDE2-2

73 Phillip
ZL2TZE

-------Original Message-------

From: Jesus M
Date: 25/03/2009 4:46:10 a.m.
To: Stephen Black; foxdelta@yahoogroups.com
Subject: Re: [foxdelta] FoxDigi - Configuring MAYALIAS?

Hello, I try put in MYALIAS WIDE1-1,WIDE2-2,WIDE2-1 and not work

why?

Saludos, Jesus Mª
EA2IP - IN83lh

De: Stephen Black <kb1chu@...>
Para: ea2ip <ea2ip@...>
Enviado: lunes, 23 de marzo, 2009 16:38:58
Asunto: RE: [foxdelta] FoxDigi - Configuring MAYALIAS?

Different MYALIAS should be separated by commas.eg. kb1chu,wide1-1,wide2-1
KB1CHU

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf
Of ea2ip
Sent: Monday, March 23, 2009 11:01 AM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] FoxDigi - Configuring MAYALIAS?

Its posible put more than 1 MYALIAS?

MYALIAS WIDE1-1,WIDE2- 2,WIDE2-1

rEGARDS
--- In foxdelta@yahoogroup s.com, "Robert" <robban.lind@ > wrote:
>
> Hi Dinesh, Hi all,
>
> Just received the Fox Digi and got it up and running for a couple of
> days as a stand alone digi.
> It works fine, but I can´t figure out how to configure MYALIAS to
> relay packets with TRACEn-N or WIDEn-N?
> Ie. setting MYALIAS WIDE1-1 just relaying packets with WIDE1-1,
> setting only "WIDE" doesn´t work if a station uses WIDEn-n
>
>
> Questions:
>
> - How should I configure it to answer on all WIDEn-n? (WIDE3-3,
> WIDE2-1 etc.)
>
> - Is it possible to configure it to use more than one(1) alias? (ie.
> RELAY,WIDE3- 3)
>
> - Is Foxdigi supporting tracable packets? in order to support the New
> n-N Paradigm.
> Example: http://aprs. org/fix14439. html and
> http://www.qsl. net/n8deu/ uidigi_eprom_ settings. htm#UITraceCall
>
>
> In Sweden (and other European countries) there are no "standard" yet
> how to configure your local APRS-network, but hopefully there will be
> a standard like the new N-n Paradigm they are using in USA .
>
>
>
>
> Kind regards,
> Robert, SM4WWO
>

--- End forwarded message ---

118. Fox Digi Still Broken

Yahoo group: foxdelta
Date: 2009-03-25 00:37:43 UTC
From: Bill
Topic: 118 Message: 118

From an earlier post..... and no answers..... November 2008

I have built two of these over the past 2 evenings, and I have a problem.

1. Trace rcv never displays the debug output on either unit.
2. The receive led lights when receiving a signal on both units.
3. Neither unit has ever displayed any received signals

I could understand I may have made an error building one unit, but
both display the same problem.

Does anyone actually read or answers questions on here?

I revisisted these boards.
I have reflowed all the connections.
I have traced all the paths, checked all components.
And still nothing. They both tx just fine, they both program just fine,
the rx led comes on when hearing traffic, but still never
any rx trace debug output into a terminal program.

Is it possible these were shipped with pure tracker firmware?

119. Re: [foxdelta] FoxDigi - Configuring MAYALIAS?

Yahoo group: foxdelta
Date: 2009-03-25 22:28:32 UTC
From: Robert Lind
Topic: 85 Message: 119

Hello Phillip, Group,

I think we are misunderstanding each other, or maybe I have misunderstod the purpose with a fill in digi :-)

As I understand the foxdigi is not supporting the new WIDEn-N recommendations.
A "full" digi will relay both WIDE1-1 and WIDE2-2 and so on.

The FoxDigi is configured WIDE2-2
If a mobile station send WIDE1-1,WIDE2-2
The digi will *not* relay because it doesn´t recognize the WIDE1-1.

Also, it will not relay when the packet is already relayed by two other digipeaters.
Example: SM4WWO-9>DIGI1*,DIGI2*,WIDE2-1 (it won´t recognize the WIDE2-1)

The FoxDigi is configured WIDE1-1 (fill in digi)
If a mobile station send WIDE1-1,WIDE2-2 it will relay the WIDE1-1 (works correct)
If a home station send WIDE2-2 or WIDE2-1
The digi will not relay because it doesn´t recognize the WIDE2-2 or WIDE2-1.

Of course you could configure MYALIAS: WIDE but then it will relay very high paths. This is not good as we are trying to eliminate higher paths.

We are now using our foxdigi as a fill in digi, and it works very fine for us. But when I posted my first question to the list we planned to use it as a "full" digi.

73 de Robert
SM4WWO

2009/3/25 Phillip <zl2tze@...>
>
> As per the config docs
>
> http://www.foxdelta.com/products/foxdigi/foxdigi-config.pdf
>
> MYALIAS is either RELAY / TRACE / WIDE (obsolete in many countries) or WIDEN-n eg WIDE2-2 or WIDE3-3
> which is the current adopted recommendation .
>
> EG MYCALL XExxxx
> MYALias WIDE1-1 or WIDE2-2 or WIDE3-3 or
(TRACE,WIDE,RELAY obsolete in many countries)
>

> It can't be RELAY,WIDE1-1 or WIDE,WIDE2-2 or TRACE,WIDE2-1 or WIDE1-1.WIDE2-2
>
> 73 Phillip
> ZL2TZE
>
>

120. FoxEcho-K7

Yahoo group: foxdelta
Date: 2009-04-03 11:55:33 UTC
From: Dinesh Gajjar
Topic: 120 Message: 120

Hello

FoxEcho-K7 Kits/Assembled/PCBs are once again available with Powder Coated Metal Cases.

http://www.foxdelta.com/products/foxecho.htm

Regards/Dinesh

121. USB Programmer

Yahoo group: foxdelta
Date: 2009-04-08 12:27:42 UTC
From: Dinesh Gajjar
Topic: 121 Message: 121

Hello

A new project of USB PIC Programmer is added.
Project is based on PIC18F2550 and contain a bootloader. Uses standard Microchip PICKIT2 PC Software & requires no external Power.

Please visit: http://www.foxdelta.com/products/upp.htm

Regards/Dinesh

122. Fox Digi

Yahoo group: foxdelta
Date: 2009-04-23 09:33:47 UTC
From: Graeme
Topic: 122 Message: 122

Something in the notes I don't understand. Construction notes says null-modem is needed in computer connection. But Configuration notes say that null-modem is NOT required. Both can not be correct. Which one is?

Graeme
zl1gbb

123. Re: Fox Digi

Yahoo group: foxdelta
Date: 2009-04-23 10:49:13 UTC
From: Dinesh Gajjar
Topic: 122 Message: 123

Hello

This is due to two models of foxdigi.
The previous model do not require a null modem because it was supplied with a d9f connector for pc/gps.

the new foxdigi, is made like a tracker & has all the connections & connectors, same as a tracker. Means, for config, we require a null modem.

I will try to correct doc if it has this error for new version.

Regards/Dinesh

--- In foxdelta@yahoogroups.com, "Graeme" <zl1gbb@...> wrote:
>
> Something in the notes I don't understand. Construction notes says null-modem is needed in computer connection. But Configuration notes say that null-modem is NOT required. Both can not be correct. Which one is?
>
> Graeme
> zl1gbb
>

124. USB PIC Programmer

Yahoo group: foxdelta
Date: 2009-04-24 09:27:39 UTC
From: Dinesh Gajjar
Topic: 124 Message: 124

FD-UPP is an USB PIC programmer for 5V PICs. Compatible with Microchip's PICKIT2 PC/Windows Software.

Assembled FD-UPP Programmers are now available with choice of PB1 in kit or assembled. Full kits are expected within a week.

Please visit: http://www.foxdelta.com/products/upp.htm

125. further re Foxdigi

Yahoo group: foxdelta
Date: 2009-04-26 00:28:02 UTC
From: Graeme
Topic: 125 Message: 125

Hello again
well, you can ignore the previous posts. I now have been able to program all commands. The problem with the previous attempts was that the syntax was incorrect. In particular, it looks like the UNPROTO structure is severely truncated such that it will only accept about 6 characters. This means that as a Digipeater, the unit is useless.

Any digipeater nowdays needs to be able to control the re-broadcasts. This means that when WIDE is used, the number of times it can be reused needs to be sharply limited. As well, due to the multiplication of Digipeaters (an otherwise desirable thing since it increases the ability to get a packet through) it is much more likely that more than one digipeater is within range. In order to select just which Digi is going to respond, the digi needs to be able to respond to selective aliases. In this MYALIAS only accepts a callsign. It needs a path restrictor.

Well, I will put this down to experience. At least I will be able to use it as a tracker.

regards
Graeme
ZL1GBB

126. Galileo Radio astronomy Receiver

Yahoo group: foxdelta
Date: 2009-04-28 06:38:01 UTC
From: Dinesh Gajjar
Topic: 126 Message: 126

Hello

Project details for radio astronomy Direct Conversion receiver named "Galileo" is posted with preliminary details. Full schematic, kits & tech info will be available soon.

http://www.foxdelta.com/products/galileo.htm

73s/Dinesh

127. USB PIC Programmer Kits

Yahoo group: foxdelta
Date: 2009-04-29 05:43:05 UTC
From: Dinesh Gajjar
Topic: 127 Message: 127

Hello

FD-UPP kits are now ready with Pre-Programmed PIC18F2550. Kit or assembled FD-UPP includes a simple programming board PB1 with standard IC sockets.

http://www.foxdelta.com/products/upp.htm

Regards/Dinesh

128. Foxdigi again

Yahoo group: foxdelta
Date: 2009-05-06 05:08:14 UTC
From: Graeme
Topic: 128 Message: 128

Hello
Can anyone tell me what the normal behavior of the Foxdigi led's is, please? That is, what should the green Rx led be doing when the digi is connected to the receiver?

thanks
Graeme
zl1gbb

129. Foxdigi again

Yahoo group: foxdelta
Date: 2009-05-08 22:18:21 UTC
From: Graeme
Topic: 128 Message: 129

Hello all
I am concerned about the sound the Foxdigi makes when it beacons. I am in a position to identify several trackers and stations locally and know exactly what each sounds like. The Foxdigi sounds completely different. I suspect it is distorting the transmission which of course would render it unusable by any station receiving it. Has anyone got one of these things to work, either as a tracker or a digi? Needless to say, the local digipeater does not respond to my Foxdigi (it has no problems with the Opentrackers I also use).

Unfortunately, I do not possess a CRO to check my hypothesis which would be the best way to attack the problem so I rely on you to tell me what I need to know.

Graeme
zl1gbb

130. Re: [foxdelta] Foxdigi again

Yahoo group: foxdelta
Date: 2009-05-09 12:18:08 UTC
From: Michel / F1SRC
Topic: 128 Message: 130

Hello Graeme,

> That is, what should the green Rx led be doing when the digi is connected to the receiver?
The receive green led flash when packet data aprs is receive
The other led is the red for transmission and the power led is alwals on.

Michel

131. Re: [foxdelta] Foxdigi again

Yahoo group: foxdelta
Date: 2009-05-09 12:26:34 UTC
From: Michel / F1SRC
Topic: 128 Message: 131

Hello Graeme,

>..., the local digipeater does not respond to my Foxdigi (it has no problems with the Opentrackers I also use).
Use the RV1 to ajust the MIC level, on my digi (first) with a TR-751, i have many time ajust (5 or 6) the level to find the good level.

Have a good day
Michel

132. ST2

Yahoo group: foxdelta
Date: 2009-05-11 19:20:35 UTC
From: BRITT MULHOLLEM
Topic: 132 Message: 132

```
Unable to find a terminal emulator(hyper-terminal), that will work with the
new unit.Britt
```

133. foxdigi

Yahoo group: foxdelta
Date: 2009-05-12 22:32:17 UTC
From: ki6lnx
Topic: 133 Message: 133

Hello to all! I received foxdigi and finally got connected to radio, However, it will not repeat. It will beacon that is for sure but to nothing as cannot be found anywhere in aprs sites.

I have double checked connections to radio and all is working properly.

There is a lot of APRS activity here in the san diego area but I am baffled as to what could be the issue. I ve read over the entire APRS mumbo Jambo in APRS.org site which to the beginner is so confusing.

If any of you guys out there have any input or has run into this problem please share the knowledge. Another thing .

Those darned dip switches ,.....can anyone publish where they need to be for stand alone digipeater mode. Thanks KI6LNX

134. Fox-digi TNC

Yahoo group: foxdelta
Date: 2009-05-24 22:30:05 UTC
From: Graeme
Topic: 134 Message: 134

Hi
can any one tell me how to use the Fox-digi as a TNC? I can not seem to be able to get out of config mode. Maybe there is a command for that?

By the way. I am using a program called Terra Term for configuration. Connects very easily and is easy to setup.

http://hp.vector.co.jp/authors/VA002416/teraterm.html

Graeme
zl1gbb

135. FoxView2 - Configuration Remote- How to do it ?

Yahoo group: foxdelta
Date: 2009-05-28 04:01:15 UTC
From: ja0por
Topic: 135 Message: 135

Hello to all,

Im new to this forum...

I have FoxView2 + FoxTrak-M / Vixen-Trak assembled and managed to configure my Fox Trtak-M with "TinyTrak" and for Vixen-Trak with "Hyper Terminal"successfully..

However for FoxView2 itself I am not certain how to configure it with a small PCB and a riboon cable both supplied with FV2 kit

At least I want write my location i.e. altitude and longitude into FV2 to start with

Can anyone point me how to do it ?
First about its initial setup (how to meke a connection, DIP switch positions & two push button switch positions etc),
and then by step by step procedures

In that way I believe I will get an idea to write other parameters if needed

Yes Ive downloaded the FoxView2 Menu with me

Thanks in advance for your help

Best regards,
JA0POR / Mano

136. Given Up on FOX DIGI or other products.

Yahoo group: foxdelta
Date: 2009-05-28 15:56:25 UTC
From: ki6lnx
Topic: 136 Message: 136

Ok I've given Up on this issue, I guess I had high expectations on this device. Tried just about everything to no avail.

1. I would suggest to Dinesh that for any APRS product he sell he puts it to the test and get a screen shot of it while it is working. He could easily put the tracker or the foxdigi to work and check it to see it does what it is built for. For example, get the foxdigi to repeat or tracker to show up in say? aprs.fi or openaprs.org etc and then take screenshot this can be using the buyers Callsignto prove that this is working.. It is easy to program MYCALL on the device and say it works, it is just like turning on the radio but will not transmit when you key it up or starting up a car but will not drive after changing gears.. you get my point. I am disappointed on this product as I am stuck with a product that will not work after many different configurations attempted using MYALIAS etc, returning the product is out of the question because none of this is mentioned, much less a replacement.

2. Support for some of these products leaves too much to desire, Mere paragraphs of a PDF file with typos and discrepancies does not answer every possible question there is out there and if one submits the questions, day, weeks, months could go by without an answer. I believe if this forum is left open (NOAPPROVAL IS NEEDED TO POST)Lots of helpfull information will be available to those who needs it(everybody). I've seeked help on this forum but very few a willing to share the knowledge and Danesh is no exception.

The likelyhood of this message ever making it to the groups messageboard is very slim but it will definately prove my point.

Last post

ki6lnx

137. Re: [foxdelta] Given Up on FOX DIGI or other products.

Yahoo group: foxdelta
Date: 2009-05-28 17:08:40 UTC
From: Robert Lind
Topic: 136 Message: 137

In Sweden we are using the FoxDigi since october last year, working very well.
http://aprs.fi/?call=SM3XLY-2
Please note that it ONLY can work as a fill in digi.

Regarding other products I have no experience.

de sm4wwo
Robert

>
> 2009/5/28 ki6lnx <ki6lnx@...>
>>
>>
>> Ok I've given Up on this issue, I guess I had high expectations on this device. Tried just about everything to no avail.
>>
>> 1. I would suggest to Dinesh that for any APRS product he sell he puts it to the test and get a screen shot of it while it is working. He could easily put the tracker or the foxdigi to work and check it to see it does what it is built for. For example, get the foxdigi to repeat or tracker to show up in say? aprs.fi or openaprs.org etc and then take screenshot this can be using the buyers Callsignto prove that this is working.. It is easy to program MYCALL on the device and say it works, it is just like turning on the radio but will not transmit when you key it up or starting up a car but will not drive after changing gears.. you get my point. I am disappointed on this product as I am stuck with a product that will not work after many different configurations attempted using MYALIAS etc, returning the product is out of the question because none of this is mentioned, much less a replacement.
>>
>> 2. Support for some of these products leaves too much to desire, Mere paragraphs of a PDF file with typos and discrepancies does not answer every possible question there is out there and if one submits the questions, day, weeks, months could go by without an answer. I believe if this forum is left open (NOAPPROVAL IS NEEDED TO POST)Lots of helpfull information will be available to those who needs it(everybody). I've seeked help on this forum but very few a willing to share the knowledge and Danesh is no exception.
>>
>> The likelyhood of this message ever making it to the groups messageboard is very slim but it will definately prove my point.
>>
>> Last post
>>
>> ki6lnx

138. One more foxdigi question as I hate to give up.

Yahoo group: foxdelta
Date: 2009-06-09 15:29:13 UTC
From: ki6lnx
Topic: 138 Message: 138

All!

After carefully reading the PDF files again. I came to the part that states that you must install a 2k ohm resistor from PTT to MIC to enable PPT? Is this correct and does this has to be done in order for the FOXDIGI to repeat what it receives? But if that is the case hows it that it beacons without this resistor? ARRRG

Yes, I stated on last post that I was not going to post anymore, But this darn APRS bug has gotten a hold of me and I am the type of person that loves to troubleshoot things till there are not more viable options, opinions and suggestions left. Maybe that is the missing piece to this puzzle and hopefully this will solve this issue.

Looking to hear from you!

Hasta la vista
KI6LNX

139. working FoxDigi! config!!

Yahoo group: foxdelta
Date: 2009-06-18 11:25:31 UTC
From: gervais
Topic: 139 Message: 139

hi all

can someone send me a working config of his FoxDigi please?

it would help me set my own.

i must go at theradio site,3000 feets and i dont want to arrive there
and not be ready.

thanks for your help

gervais ve2ckn

140. Re: [foxdelta] working FoxDigi! config!!

Yahoo group: foxdelta
Date: 2009-06-18 12:35:26 UTC
From: F1src Op:Michel 73 to all
Topic: 139 Message: 140

Hello,

>can someone send me a working config of his FoxDigi please?
See here at the end of the page, i have the first version of FoxDigi :

http://f1src.free.fr/page/fd_foxdigi.htm

Have a nice day
Michel

141. Re: [foxdelta] working FoxDigi! config!!

Yahoo group: foxdelta
Date: 2009-06-18 23:46:18 UTC
From: gervais
Topic: 139 Message: 141

Merci Michel
pas mal l,afficheur aussi
73/s
gervais ve2ckn

From: "F1src Op:Michel 73 to all" <f1src@...>
Sent: Thursday, June 18, 2009 8:35 AM
To: <foxdelta@yahoogroups.com>
Cc: <ve2ckn@...>
Subject: Re: [foxdelta] working FoxDigi! config!!

> Hello,
>
>>can someone send me a working config of his FoxDigi please?
> See here at the end of the page, i have the first version of FoxDigi :
>
> http://f1src.free.fr/page/fd_foxdigi.htm
>
> Have a nice day
> Michel
>
>
>

142. Re: [foxdelta] working FoxDigi! config!!

Yahoo group: foxdelta
Date: 2009-06-20 00:32:07 UTC
From: gervais
Topic: 139 Message: 142

Michel how would you write in the BTEXT
48.24.4 N
68.29.35W
which is my position for ve2rwo-3

thanks for your help
or
if anyone could help me
i am confuse here ,,,how to write my BTEXT

gervais ve2ckn

From: "F1src Op:Michel 73 to all" <f1src@...>
Sent: Thursday, June 18, 2009 8:35 AM
To: <foxdelta@yahoogroups.com>
Cc: <ve2ckn@...>
Subject: Re: [foxdelta] working FoxDigi! config!!

> Hello,
>
>>can someone send me a working config of his FoxDigi please?
> See here at the end of the page, i have the first version of FoxDigi :
>
> http://f1src.free.fr/page/fd_foxdigi.htm
>
> Have a nice day
> Michel
>
>
>
>
> ---
>
> Fox Delta Amateur Radio Projects & KitsYahoo! Groups Links
>
>
>
>

143. Re: [foxdelta] working FoxDigi! config!!

Yahoo group: foxdelta
Date: 2009-06-19 22:48:54 UTC
From: gervais
Topic: 139 Message: 143

Michel
my position is 48°24'4" N 68°29'35" W -
on your document we can read
BTEXT !4740.00N/00307.00W#W1-1 TEST FoxDigi

is it another way to send position ???

thanks
gervais ve2ckn

ps do you have echolink in your areaa???

gervais ve2ckn

From: "F1src Op:Michel 73 to all" <f1src@...>
Sent: Thursday, June 18, 2009 8:35 AM
To: <foxdelta@yahoogroups.com>
Cc: <ve2ckn@...>
Subject: Re: [foxdelta] working FoxDigi! config!!

> Hello,
>
>>can someone send me a working config of his FoxDigi please?
> See here at the end of the page, i have the first version of FoxDigi :
>
> http://f1src.free.fr/page/fd_foxdigi.htm
>
> Have a nice day
> Michel
>
>
>
>
> ---
>
> Fox Delta Amateur Radio Projects & KitsYahoo! Groups Links
>
>
>
>

144. HF-LCD SWR Meter

Yahoo group: foxdelta
Date: 2009-06-23 11:40:40 UTC
From: Dinesh Gajjar
Topic: 144 Message: 144

Hello

Redesigned LCD SWR meter kits are ready once again. New design has possibility to swap bridges: i.e. using same electronic we may have HF or VHF SWR measurement. However, they are not switchable.

HF bridge & electronic were tested and works very well. VHF Bridge part is under test and VHF SWR Meter kits (bridge) are still not available. Will be ready in couple of week!!

Please visit: http://www.foxdelta.com/products/swr-hf.htm for more details.

73s/Dinesh

145. Re: [foxdelta] One more foxdigi question as I hate to give up.

Yahoo group: foxdelta
Date: 2009-07-01 09:28:08 UTC
From: F1src
Topic: 138 Message: 145

Hello ki6lnx,
> After carefully reading the PDF files again. I came to the part that states that you must install a 2k ohm resistor from PTT to MIC to enable PPT? Is this correct and does this has to be done in order for the FOXDIGI
I have the first version of the FoxDigi and with my Kenwood TR-751e i
don't connected the resistor between PPT and MIC audio out because the
transceiver swith to transmit directly, with my FT-817 no problems !
switch or not swith the resistor depend of your transceiver.

Michel

146. I could not connected via Hyperterminal

Yahoo group: foxdelta
Date: 2009-07-21 20:45:59 UTC
From: ismail_ta9j
Topic: 146 Message: 146

Recently I have purchased a foxdigi APRS digipeater kit. I have assemled it. But I could not programmed it via Hperterminal program. Heperterminal does not show any data. I have tried two modem cable null or rs232.

I would be very appreciate anyone helps me.

73
TA9J

147. Fox Digi & Hyper Term.

Yahoo group: foxdelta
Date: 2009-07-22 03:02:27 UTC
From: Dinesh Gajjar
Topic: 147 Message: 147

Hello

For FoxDigi config, please try following:

1. check if you have created hyper term connection at 4800

2. check your OS settings for COM port

3. check if DIP switch marked GPS En is "off"

4. Check if DIP Switch U3 En is "ON"

5. Use a null modem cable

after hyper term is connected, disconnect ^ reconnect foxdigi & you will see welcome message

Regards/Dinesh

148. New kits & Assembled Units

Yahoo group: foxdelta
Date: 2009-07-28 05:04:51 UTC
From: Dinesh Gajjar
Topic: 148 Message: 148

Hello

In view to support many hams looking for assembled units, I have now updated most kit pages and have added assembled units. Also for most assembled, assembly cost is reduced.

I have also added an SOIC 28 PCB measuring 25 x 20mm for AD9850/51. This will help many homebrewers easily solder SOIC chips in their oven!!

http://www.foxdelta.com/products/soic28.htm

73s/Dinesh

149. 40db Attenuator

Yahoo group: foxdelta
Date: 2009-08-08 12:18:35 UTC
From: Dinesh Gajjar
Topic: 149 Message: 149

A new kit: 40db Attenuator for PM3A is now available.

Kindly visit: http://www.foxdelta.com/products/40db.htm

Regards/Dinesh

150. Foxdigi receive problem???

Yahoo group: foxdelta
Date: 2009-08-09 05:49:58 UTC
From: Gary
Topic: 150 Message: 150

It's like the receive is not there. I'm trying to use this a s WIDE1-1 FILLIN DIGI. I've checked all the usual suspects such as antenna(5.2db gain omni), coax(30' of LMR400), and radio(Yaesu FT2600). The Foxdigi only seems to receive and digipeat signals heard of S-30+. The radio is wired to the Digi via the DSUB 9-Pin Data Connector @ 1200 bps. I have the radio set to disregard signals of less than S-3 to avoid far off QRM. Squelch on the radio is also set just above the break point. unfortunately I have no test equipment to check input sensitivity of the Foxdigi. Is there even a way to a change the sensitivity? It's useless the way it is currently working.
N6BLU

151. Hamcom Interface

Yahoo group: foxdelta
Date: 2009-08-13 07:12:04 UTC
From: Dinesh Gajjar
Topic: 151 Message: 151

Hello

Nina has revised Hamcom Interface and its now available in kit or assembled. A metal case is now included.

http://nina.foxdelta.com/hamcom.html

Regards/Dinesh

152. Re: [foxdelta] Foxdigi receive problem???

Yahoo group: foxdelta
Date: 2009-08-15 10:18:57 UTC
From: F1src
Topic: 150 Message: 152

Hello Gary,
> radio(Yaesu FT2600). The Foxdigi only seems to receive and digipeat signals heard of S-30+. The radio is wired to the Digi via the DSUB 9-Pin Data Connector @ 1200 bps. I have the radio
With my Foxdigi (v1) the BF level is very important (i use TR-751 Kenwood), and the ajust level is very pointed (particular / punctilious) to receive all station, and perhaps the low station do you heard is not configured with the WIDE1-1.

Have a nice day
73, Michel

153. FD-RM1A (RS232) How to test?

Yahoo group: foxdelta
Date: 2009-09-03 15:41:03 UTC
From: rhobbs77
Topic: 153 Message: 153

I completed the RMA1A kit everything looks good. For right now I am using the RS232 interface. When I plug in the device to my systems COM port, I open hyper terminal and set the parameters 1200, 8, N, 1 no hardware flow control.

When plugged in, the PTT LED flickers but nothing is displayed on the hyper terminal.

What is a good way to test if the assmebly went ok? Based on my double checking the connections are good.

Thank you again.

154. Re: [foxdelta] FD-RM1A (RS232) How to test?

Yahoo group: foxdelta
Date: 2009-09-06 17:39:44 UTC
From: F1src
Topic: 153 Message: 154

Hello rhobbs77,

> I completed the RMA1A kit everything looks good. For right now I am using the RS232 interface.
I never user the FD-RM1 it's the RS232-USB 1200 baud modem (baycom),
isn't it ? (http://www.foxdelta.com/products/rm1.htm)

> When plugged in, the PTT LED flickers but nothing is displayed on the hyper terminal.
>
I think no information displayed on the hyper terminal, use baycom
software under DOS or packet software like winpack to pilot the modem
(with baycom driver), or UI-View with AGWPE to use a Baycom modem.

After software installation, you connect the modem to your transceiver
or receiver and normaly you have something when you receive data (APRS
or BBS data).

Excuse my bad english.

73, Michel

155. ST1 stopped working

Yahoo group: foxdelta
Date: 2009-09-14 17:51:10 UTC
From: g0wxj
Topic: 155 Message: 155

Hi all
Here's a strange one. Our club have had one of Dinesh's trackers for quite a while now, and it has worked without problems. We came to use it last week and it didn't want to work.

We have checked everything, nothing is loose and all appears to be ok, we have even tried other computers in case it was a conflict issue. The LCD displays fine, the cables are all good and we get the current feedback from the controller.

Its frustrating really, we need to use if for JOTA in October, and i really don't fancy sitting there doing it by hand.

Anyone had this problem?
Pete G0WXJ

156. FC2/400

Yahoo group: foxdelta
Date: 2009-09-18 02:41:04 UTC
From: foxdelta
Topic: 156 Message: 156

FC2 400MHZ counters are once again available as MC12080 are in stock again.

http://www.foxdelta.com/products/fc2.htm

73s/Dinesh

157. Foxtrack With Icom IC-2200H

Yahoo group: foxdelta
Date: 2009-09-18 22:13:55 UTC
From: jw9w2ws
Topic: 157 Message: 157

Greetings,

I am new on APRS. Got the Foxtrak assembled and have no idea at all on the connections to the Icom IC-2200H. Appreciate if anyone can advise on how to connect the Foxtrak to the Icom IC-2200H.

Thanks in advance.

73
Jeff

158. AGC KITS for Foxecho-K7

Yahoo group: foxdelta
Date: 2009-09-25 05:45:11 UTC
From: foxdelta
Topic: 158 Message: 158

AGC Kits & AGC assembled Boards(For Foxecho-k7) are now available.

http://www.foxdelta.com/products/agc.htm

Regards/Dinesh

159. SC2 (PSK Interface) and YAESU FT-x17

Yahoo group: foxdelta
Date: 2009-09-27 09:09:12 UTC
From: f1rhx
Topic: 159 Message: 159

Hello

I bought a Foxdelta SC2 interface(PSK / RTTY) I would like to connect it on the ACC port of my FT-897D.

What is the connection of the grip RJ45 ?

Somebody has you he it connected this interface on a YAESU! FT-x17?

Thank you for your help.

73 de Marc, F1RHX

160. having problems setting up digi

Yahoo group: foxdelta
Date: 2009-09-28 09:14:55 UTC
From: Ron K7CDL
Topic: 160 Message: 160

i'm having problems setting up digi,what am i doing wroung? the digi can be seen by the i-gate but the digi cant see anyone and isnt acting as a digi, is there some type of setting i might be going wroung in the unproto or the myalias setting? please help. i'm not too sure about the setting,i'm so cunfussed. http://aprs.fi/info/K7CDL-1
thanks
Ron Swart
K7CDL
Digi: K7CDL-1
APRS tracker: K7CDL-14
Sheridan Wy

161. Re: [foxdelta] having problems setting up digi

Yahoo group: foxdelta
Date: 2009-09-28 09:54:47 UTC
From: F1src Michel
Topic: 160 Message: 161

Hello Ron,

>i'm having problems setting up digi,what am i doing wroung?
Which model of FoxDigi do you use ?

>the digi can be seen by the i-gate but the digi cant see anyone
Great but you send your position every minutes, it's not good, see the log
http://aprs.fi/?c=raw&call=K7CDL-1&limit=100
Or perhaps your are in mobile ?

First step change the configuration to send your position 2 or 3 times per hour, if your are in fixe station, it's important. For information, see the recommandation of Bob Bruninga :
http://www.aprs.org/fix14439.html

After you say, your digi cant see anyone, what is your configuration ? please send here the configuration of the digi to see if the problem is here.

I use a Foxdigi (v1), and my config is for WIDE1-1 fill-in digi :

```
ECHO ON
TXDELAY 110
GPS $GPGGA
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 30
UNPROTO APNDFX-0 V WIDE2-2
MYCALL F1SRC-1
MYALIAS WIDE1-1
BTEXT !4740.00N/00307.00W#W1-1 TEST FoxDigi
```

After to see if the Foxdigi have a good reception, connect the digi to a PC and use terminal software to see the datas.

Excuse my english, is so bad
--
73, Michel

http://f1src.free.fr

162. ST-2 interface with HRD software

Yahoo group: foxdelta
Date: 2009-11-06 16:35:23 UTC
From: phandlon
Topic: 162 Message: 162

Does anyone have the ST-2 fully functional with HRD software? I have the ST-2 interfaced to a Yaesu G-5400B and working with SATPC32 ver.12.8. However, I have been only partically successful using it with HRD ver 4.0_1901 or HRD Ver. 5.0 beta. With a Yaesu GS232 protocal selected in HRD, I only get azmiuth indications and control. No elevation indications or executions.. My work around for now is to use the manual EL control on the ST-2 or G-5400 control box. QRZ.com Post from Richard (VD2DX) in April 2009 indicated that HRD now does support Yaesu GS232 both Yaesu-AZ and Yaesu-AZ/EL. I must be missing something but not sure what..

163. getting spam email

Yahoo group: foxdelta
Date: 2009-11-24 08:55:19 UTC
From: Ron K7CDL
Topic: 163 Message: 163

i'm getting spam email from administator@... to a hotmail account i have for buying drugs online. anyone know anything about this spam email?

164. Re: getting spam email

Yahoo group: foxdelta
Date: 2009-11-24 10:11:27 UTC
From: foxdelta
Topic: 163 Message: 164

Hello

Thank you for information.
We do not have mailbox with such name.
These days, spammers are able to send fake mails using scripts showing anyone's email.

Perhaps if you look at "Full Headers" of such mail, you will find source of sender.

73s/Dinesh

--- In foxdelta@yahoogroups.com, "Ron K7CDL" <nakitatrucker@...> wrote:
>
> i'm getting spam email from administator@... to a hotmail account i have for buying drugs online. anyone know anything about this spam email?
>

165. APRS Viwer & Position Encoder

Yahoo group: foxdelta
Date: 2009-11-24 12:16:30 UTC
From: foxdelta
Topic: 165 Message: 165

A redesigned APRS VIEWER Project is now uploaded.
FoxView3 is combination of an APRS Viewer and a FoxDigi.
Project helps view realtime aprs data on LCD and transmits your Fix position. In addition, has a built-in fill-in digi if required.

If connected with a GPS, FV3 will act as a tracker. Its also similar to MINI-TNC for passing APRS Data on Radio to PC

http://www.foxdelta.com/products/foxview.htm

73s/Dinesh

166. FOXDELTA ST1 and software

Yahoo group: foxdelta
Date: 2009-11-25 15:17:43 UTC
From: Marc
Topic: 166 Message: 166

Good morning

Just for information :

Foxdelta ST1 + ST1A (USB module) works very fine with SATEXPLORER 3.01 made by F6DQM

http://www.f6dqm.fr/software.htm

73 de Marc, F1RHX

168. Shopping Cart

Yahoo group: foxdelta
Date: 2009-12-24 11:43:28 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 168 Message: 168

Hello

Merry Xmas to all of you.

Due to a lots of problem out of Oscommerce shopping cart (Even though its Geo Trust Secured) I have removed the shopping cart and with that all the database of emails/addresses of buyers has been deleted.

Now, I do not hold any data on my server.

I will reinstall a shopping cart soon which will not store anyone's personal data.

73s/Dinesh

169. Paypal Shopping Cart Fully Operational

Yahoo group: foxdelta
Date: 2009-12-25 01:16:23 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 169 Message: 169

Hello

Web based PayPal Shopping Cart is fully operational.
You may buy kits from related webpages. Please scroll down to the bottom of the product pages where you will find paypal buttons.

73s/Dinesh

170. software for ST-3

Yahoo group: foxdelta
Date: 2009-12-30 02:12:01 UTC
From: kb1chu
Topic: 170 Message: 170

I found Sat_Explorer to work well with the ST-3 interface. It can be downloaded at http://www.f6dqm.fr/software.htm It supports up to com 14.Steve KB1CHU

171. No output audio from FoxDigi

Yahoo group: foxdelta
Date: 2010-01-10 22:12:20 UTC
From: Tim Billingsley
Topic: 171 Message: 171

I have my FoxDigi configured and all seem to be working except there is no audio when the radio transmits.
I have tried several different configurations with no success. I traced the pin out and even made a second cable with all new connectors and wire, but still no audio out. I have tried adjusting P1, but still there is nothing but a very short dead carrier.

Configuration similar to one I found in the message archives of this group.

```
ECHO ON
TXDELAY 110
GPS $GPGGA
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 1
UNPROTO WIDE1-1
MYCALL KD5CKP-3
MYALIAS WIDE1-1
BTEXT !3459.06N/08951.35W#W1-1 FoxDigi
```

One created from suggestions from
http://www.foxdelta.com/products/foxdigi/foxdigi-config.pdf

```
ECHO ON
TXDELAY 140
GPS $GPGGA
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 1
UNPROTO WIDE1-1
MYCALL KD5CKP-3
MYALIAS WIDE1-1
BTEXT !3459.06N/08951.35# FoxDigi
```

Anyone with suggestions or experience with this situation that has something to offer is greatly appreciated.

172. foxView3

Yahoo group: foxdelta
Date: 2010-01-14 03:53:49 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 172 Message: 172

Hello Colin

Yes, FoxView3 is not designed to use a GPS by default. (I have mentioned in doc that it "may be used with GPS")

Reason of such design was to use FV3 for home aprs monitor purpose and not for tracker purpose.

However, you can use it as a tracker by making a small change.
Ground PIN4 of the PIC16F88 (connected to R19). This will enable GPS and it will start accepting data from GPS.

In normal condition (with R19 active) FV3 works as a TNC, outputting data from Radio to COM port.

Please try above and let us know if all ok.

You may also refer to FOXDIGI schematic where its R14 at PIN4 of PIC16F88 and there is a switch to enable GPS.

73s/Dinesh

--- In foxtrak@yahoogroups.com, "m0dmj" <m0dmj@...> wrote:
>
> Hi got the foxview 3 kit and have a gps wired in.
> It is going into tx ok and just sending my call sign and no gps details
> ?
>
> ECHO ON
> TXDELAY 140
> GPS $GPGGA
> TRace OFF
> MONitor ALL
> DIGIpeater ON
> BEACON On EVERY 1
> UNPROTO WIDE1-1
> MYCALL M0DMJ-9
> MYALIAS WIDE1-1
> BText
>
> Have i missed something
> Colin M0DMJ
>

173. PROBLEMS FOXDIGI

Yahoo group: foxdelta
Date: 2010-01-18 01:18:02 UTC
From: T.I. Victor Manuel Gil Baltazar
Topic: 173 Message: 173

Hello good evenings, regards to all, forgive I have problems probably in the configuration of my FOX DIGI, it does not ReTransmit (RETX) the beacons that it receives, you know which could be the problem and as correct it?, Thank you.

Atte.
T.I. Victor Manuel Gil Baltazar
XE1DGC

_____ Información de ESET Smart Security, versión de la base de firmas de virus 4780 (20100117) _____

ESET Smart Security ha comprobado este mensaje.

http://www.eset.com

175. Fox-digi not relaying my station!?

Yahoo group: foxdelta
Date: 2010-01-26 09:11:32 UTC
From: f5iyj
Topic: 175 Message: 175

Hello,

I've got an issue with my new Fox-Digi (F6KQL-3).
It is relaying some stations but my own mobile station (F5IYJ-9) isn't relayed.
This mobile station is relayed by other digis but not by my own.

I first thought it was a problem of my packets sent so I have modified the AF adjustment on my tracker: no result, I was never 'heard' by the digi. In fact, my position is relayed by an other digis then by mine but not in direct.

My APRS tracker is a Skytracker (http://bit.ly/8uvlLI) using new paradigme Wide1-1,Wide2-2 and raw packets are available on http://aprs.fi/?c=raw&call=F5IYJ-9

How can I use the "trace" parameter?
Do you have an idea to help me?

Thanks beforehand.
73,
Philippe / F5IYJ

Configuration of my digi is:
ECHO ON
TXDELAY 60
GPS $GPGGA
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 30
UNPROTO WIDE2-2
MYCALL F6KQL-3
MYALIAS WIDE2-2
BTEXT !4717.38N/00500.53E# radio-club Chenove

176. Receive hang in Foxdigi

Yahoo group: foxdelta
Date: 2010-01-27 22:17:44 UTC
From: Trevor Robinson
Topic: 176 Message: 176

Hi everyone,

I recently bought a foxdigi and got it going. Dinesh please note that the help file in my digi has the Unproto command typed incorrectly as UPPROTO. This has lead to my confusion in setting the UNPROTO command as I was looking at the help and typing the command as seen in that file. However got it programmed and now sending out beacons.

My remaining issue is the Receive LED hangs on after the radio has stopped receiving. It sometimes resets off after the next packet, sometimes goes off immediately or stays on for sometime and goes brighter when receiving and dulls when not then goes off after a few packets. Other times it will just sit with the LED on for many minutes and eventually it will go out. In test mode I have BEACON set for 15 minutes and when the Rx LED is on the beacon will not work and Beacon may only Tx once in an hour. There are stations close to me that I can digipeat with sound card but will not digipeat through the foxdigi, often because of the Rx side thinking it is still receiving.

Has anyone else had a similar issue? what was done to resolve it?

Thanks
Trevor VK4KWI / ZL1UO

178. Re: [foxdelta] Fox-digi not receiving (?) my station!?

Yahoo group: foxdelta
Date: 2010-02-02 19:21:29 UTC
From: Philippe Givet
Topic: 175 Message: 178

Hello,

I have worked on this issue and I've noticed my tracker (as some others) doesn't appear on the console when I have configured Monitor at ALL.
Other stations are received and relayed.
I though at the beginning it was a problem of AF level at my tracker transmitter input, but I have already relayed by other digis and when I tried to tune the AF pot. I cannot find a pot position where I can be received.
I have checked the signal: it is on the right frequency, without pb on modulation and not with a too large bandwidth.
When I connect a MX-613 modem on the digi receiver, I can see my data on the LCD I use for monitoring.
During my transmission, I can see the green LED on the foxdigi like other stations.
So my question :
- do the data shown on the console (Monitor ALL) is really what is detected by the digi or this information is already filtered by the digi ?

Here is an example what I send with my tracker:
F5IYJ-9 <http://aprs.fi/?c=raw&limit=&call=F5IYJ-9>>APERXQ,F6KNP-4*
<http://aprs.fi/?c=raw&limit=&call=F6KNP-4>,WIDE2-2,qAR,HB9AR-5
<http://aprs.fi/?c=raw&limit=&call=HB9AR-5>:!4721.18N/00504.22E>162/052/A=000772
The only difference with packets received by the foxdigi seems to be the 'APERXQ' word. Does someone can explain me what is it for?

Thanks a lot for reading.
73,
Philippe / F5IYJ

f5iyj a ?crit :
>
>
> Hello,
>
> I've got an issue with my new Fox-Digi (F6KQL-3).
> It is relaying some stations but my own mobile station (F5IYJ-9) isn't
> relayed.
> This mobile station is relayed by other digis but not by my own.
>
> I first thought it was a problem of my packets sent so I have modified
> the AF adjustment on my tracker: no result, I was never 'heard' by the
> digi. In fact, my position is relayed by an other digis then by mine
> but not in direct.
>
> My APRS tracker is a Skytracker (http://bit.ly/8uvlLI

> <http://bit.ly/8uvlLI>) using new paradigme Wide1-1,Wide2-2 and raw
> packets are available on http://aprs.fi/?c=raw&call=F5IYJ-9
> <http://aprs.fi/?c=raw&call=F5IYJ-9>
>
> How can I use the "trace" parameter?
> Do you have an idea to help me?
>
> Thanks beforehand.
> 73,
> Philippe / F5IYJ
>
> Configuration of my digi is:
> ECHO ON
> TXDELAY 60
> GPS $GPGGA
> TRace OFF
> MONitor ALL
> DIGIpeater ON
> BEACON On EVERY 30
> UNPROTO WIDE2-2
> MYCALL F6KQL-3
> MYALIAS WIDE2-2
> BTEXT !4717.38N/00500.53E# radio-club Chenove
>

179. Re: [foxdelta] Fox-digi not receiving (?) my station!?

Yahoo group: foxdelta
Date: 2010-02-03 03:34:45 UTC
From: Trevor Robinson
Topic: 175 Message: 179

Hello All,

A local foxdigi exhibiting similar selective behaviour to Philippe's but key difference is the digi will repeat the beacon text but will not repeat tracking beacons. In my case I use a foxtracker rev 1. The tracker was configured using the windows tiny track software and has tracking beacons of 120 and secondary 90 sec. I also have a station beacon set for every 5 sending out a small piece of text. The local fox digi setup configuration is effectively the same.

Only the beacon sent after every 5th track beacon is digipeated by the local fox digi.

My own fox digi seems to behave in a similar way to Philippe's as well, in addition to getting stuck in receive mode.

as per below from http://aprs.fi/?c=raw&call=VK4KWi-9&limit=50

2010-02-02 05:34:05 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8X9,WIDE1-1,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IEal!#>/
2010-02-02 05:35:37 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8X9,VK4TUL-3*
<http://aprs.fi/?c=raw&limit=&call=VK4TUL-3>,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IEal!#>/Trevor Foxtrack
2010-02-02 05:37:06 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8X9,WIDE1-1,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IEal!#>/
2010-02-02 05:38:37 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8X9,WIDE1-1,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IEal!#>/
2010-02-02 05:40:07 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8X9,WIDE1-1,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IEal!#>/
2010-02-02 05:41:37 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8X9,WIDE1-1,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IEal!#>/
2010-02-02 05:43:09 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8X9,VK4TUL-3*
<http://aprs.fi/?c=raw&limit=&call=VK4TUL-3>,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IEal!#>/Trevor Foxtrack
2010-02-02 05:44:38 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8X9,WIDE1-1,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IEal!#>/
2010-02-02 05:46:09 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8X9,WIDE1-1,WIDE2-2,qAS,VK4FQ

<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IEal!#>/
2010-02-02 05:47:39 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8X9,WIDE1-1,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IEal!#>/
2010-02-02 05:49:09 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8X9,WIDE1-1,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IEal!#>/
2010-02-02 05:50:41 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8X9,VK4TUL-3*
<http://aprs.fi/?c=raw&limit=&call=VK4TUL-3>,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IEal!#>/Trevor Foxtrack
2010-02-02 05:52:10 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8X9,WIDE1-1,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IE`l!#>/ *[Duplicate position
packet]*
2010-02-02 05:53:41 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8Y5,WIDE1-1,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IEZlgw>/
2010-02-02 05:55:11 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T9R5,WIDE1-1,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IE\n@^>/
2010-02-02 05:56:41 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T9Y0,WIDE1-1,WIDE2-2,qAR,VK4GO-3
<http://aprs.fi/?c=raw&limit=&call=VK4GO-3>:`IEXn5m>/
2010-02-02 05:58:13 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6U0U7,VK4TUL-3*
<http://aprs.fi/?c=raw&limit=&call=VK4TUL-3>,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IEao]C>/Trevor Foxtrack
2010-02-02 05:59:43 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6U0W1,VK4TUL-3*
<http://aprs.fi/?c=raw&limit=&call=VK4TUL-3>,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IF,o\!>/
2010-02-02 06:02:43 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T9P2,WIDE1-1,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IG1o ">/
2010-02-02 06:04:13 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8V6,WIDE1-1,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IG5l #>/
2010-02-02 06:05:45 UTC: *VK4KWI-9
<http://aprs.fi/?c=raw&limit=&call=VK4KWI-9>*>Q6T8V6,VK4TUL-3*
<http://aprs.fi/?c=raw&limit=&call=VK4TUL-3>,WIDE2-2,qAS,VK4FQ
<http://aprs.fi/?c=raw&limit=&call=VK4FQ>:`IG5l #>/Trevor Foxtrack

_____Snip
I have worked on this issue and I've noticed my tracker (as some others)
doesn't appear on the console when I have configured Monitor at ALL.
Other stations are received and relayed.
I though at the beginning it was a problem of AF level at my tracker
transmitter input, but I have already relayed by other digis and when I
tried to tune the AF pot. I cannot find a pot position where I can be

received.
I have checked the signal: it is on the right frequency, without pb on modulation and not with a too large bandwidth.
When I connect a MX-613 modem on the digi receiver, I can see my data on the LCD I use for monitoring.
During my transmission, I can see the green LED on the foxdigi like other stations.
So my question :
- do the data shown on the console (Monitor ALL) is really what is detected by the digi or this information is already filtered by the digi ?

Here is an example what I send with my tracker:
*F5IYJ-9 <http://aprs.fi/?c=raw&limit=&call=F5IYJ-9
<http://aprs.fi/?c=raw&limit=&call=F5IYJ-9>>*>APERXQ,F6KNP-

4*
<http://aprs.fi/?c=raw&limit=&call=F6KNP-4
<http://aprs.fi/?c=raw&limit=&call=F6KNP-4>>,WIDE2-2,qAR,HB9AR-5
<http://aprs.fi/?c=raw&limit=&call=HB9AR-5
<http://aprs.fi/?c=raw&limit=&call=HB9AR-5>>:!4721.18N/00504.22E>162/052/A=000772
The only difference with packets received by the foxdigi seems to be the 'APERXQ' word. Does someone can explain me what is it for?

Thanks a lot for reading.
73,
Philippe / F5IYJ

180. Re: Fox-digi not receiving (?) my station!?

Yahoo group: foxdelta
Date: 2010-02-03 12:27:13 UTC
From: f5iyj
Topic: 175 Message: 180

Hi Trevor,

Did you see the tracking beacons when you connect your foxdigi to a terminal emulator (e.g. like Windows terminal)?
Just to check if it is a similar behavior to me.

73,
Philippe / F5IYJ

--- In foxdelta@yahoogroups.com, Trevor Robinson <trobinsonzl1uo@...> wrote:
>
> Hello All,
>
> A local foxdigi exhibiting similar selective behaviour to Philippe's but
> key difference is the digi will repeat the beacon text but will not
> repeat tracking beacons. In my case I use a foxtracker rev 1.

182. Foxdelta

Yahoo group: foxdelta
Date: 2010-02-04 13:24:18 UTC
From: Steven McGuire
Topic: 182 Message: 182

Hi Alexander,
Which foxdelta project are you using?
If it is a foxtrack or foxdigi ect it does use the same wiring as TinyTrak3.
If so Google Byonics and have a look at the power cable wiring diagram for your radio.
Regards,
Steve
VK4SMC

_____
Yahoo!7: Catch-up on your favourite Channel 7 TV shows easily, legally, and for free at PLUS7. www.tv.yahoo.com.au/plus7

183. fox view 3 problems

Yahoo group: foxdelta
Date: 2010-02-13 04:21:43 UTC
From: Geoff
Topic: 183 Message: 183

Would like some help in setting up foxview3 I have it connected to my radio and it receives and decodes packets ok but am unable to set my location, and other paramaters . have tried hyper terminal but am unable to connect, Need more documentation to configure, what do the 4dip switches do under the display?
Geoff VK2SH

184. KIT Sales

Yahoo group: foxdelta
Date: 2010-02-14 15:00:52 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 184 Message: 184

Hello

I am re-arranging sales of all of the kits for which I have removed purchase buttons from many of the kits, although they are in stock.
The transition to new sales web page is expected to be completed by 26th Feb 10.

I regret for this blank period of "no sales" but I am working hard to make a better arrangement for radio amateurs so that KITs, PCBs and Assembled are available for all projects.

However, if you are in a hurry, you may always drop a mail & I will arrange early dispatch.

Regards/Dinesh Gajjar

185. Re: KIT Sales

Yahoo group: foxdelta
Date: 2010-02-14 15:22:25 UTC
From: robert_s9
Topic: 184 Message: 185

Sounds good...

I am waiting for the 3 output power supply kit. Is there a time when it will be available?....
73, W8UUU

--- In foxdelta@yahoogroups.com, foxdelta-owner@yahoogroups.com wrote:
>
> Hello
>
> I am re-arranging sales of all of the kits for which I have removed purchase buttons from many of the kits, although they are in stock.
> The transition to new sales web page is expected to be completed by 26th Feb 10.
>
> I regret for this blank period of "no sales" but I am working hard to make a better arrangement for radio amateurs so that KITs, PCBs and Assembled are available for all projects.
>
> However, if you are in a hurry, you may always drop a mail & I will arrange early dispatch.
>
> Regards/Dinesh Gajjar
>

186. FOXDIGI problem - TX not working

Yahoo group: foxdelta
Date: 2010-02-15 02:41:59 UTC
From: werther_krohling
Topic: 186 Message: 186

I use my FOXDIGI with ft-227 and/or FT-150 (feidaxin). I have 2 of it! RX green led blinks but the digi don´t reply the packets.

The beacon is running ok (at 10 minutes, the tx message go out), but the digipeater dont foward the packets received.

Somebody can help me?

Regards,

Wertehr.

187. Re: [foxdelta] FOXDIGI problem - TX not working

Yahoo group: foxdelta
Date: 2010-02-15 08:54:11 UTC
From: F1src Michel
Topic: 186 Message: 187

Hello,

>The beacon is running ok (at 10 minutes, the tx message go out), but the digipeater dont foward >the packets received.

What is the config of the FoxDigi and what is the config of the Tracker ?

--
73, Michel
http://f1src.free.fr

188. ST1 Satellite Interface

Yahoo group: foxdelta
Date: 2010-02-18 10:17:48 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 188 Message: 188

Hello

ST1 kits are now available with pre-soldered FTDI-232 chip which makes this interface suitable for RS232 and USB compitable.

Please visit for more info at: http://www.foxdelta.com/products/st1.htm

73s/Dinesh

189. FOXDIGI to IC290E

Yahoo group: foxdelta
Date: 2010-02-21 22:58:02 UTC
From: f8ffp
Topic: 189 Message: 189

I would like to connect my FOXDIGI on of my IC290E. What is the connection of the SOCKET PINOUTS ? ...
DB9 to Mic in detail.

In Wait

F8FFP

190. foxdelta stand alone digireapeter

Yahoo group: foxdelta
Date: 2010-02-22 03:27:47 UTC
From: alexander
Topic: 190 Message: 190

hi i was wounding if any one could help me with the fox delta stand alone digireapeter it beacons out ok but it is not picking any thing up to repeater... here is how i btext it in and saved with perm ...
cmd

```
echo on
txdelay 64
gps $gpga
trace off
monitor all
digireater on
beacon on every 15
unproto aprs -0v wide 1-1 wide 2-2
mycall va3amp-1
myalias wide1-1
!4357.86n/07827.93w#remote digi
```

the switches on the top one is off and two is in the on could that have anything to do with it ?????
the digi is showing a green light on receiving signals red when it
transmits ok but it is not relaying any signals ... near by any help out there ???/ (thank you va3amp)

191. RE: [foxdelta] foxdelta stand alone digireapeter

Yahoo group: foxdelta
Date: 2010-02-22 04:43:34 UTC
From: Howard Small
Topic: 190 Message: 191

Hi Alexander

Assuming it is not a type, unproto should be aprs-0 v wide1-1 v wide2-2 - not the spaces are different and you are missing a v

Change that and see how it goes.

Howard

VK4BS

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of alexander
Sent: Monday, 22 February 2010 1:28 PM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] foxdelta stand alone digireapeter

hi i was wounding if any one could help me with the fox delta stand alone digireapeter it beacons out ok but it is not picking any thing up to repeater... here is how i btext it in and saved with perm ...
cmd

```
echo on
txdelay 64
gps $gpga
trace off
monitor all
digireater on
beacon on every 15
unproto aprs -0v wide 1-1 wide 2-2
mycall va3amp-1
myalias wide1-1
!4357.86n/07827.93w#remote digi
```

the switches on the top one is off and two is in the on could that have anything to do with it ?????
the digi is showing a green light on receiving signals red when it transmits ok but it is not relaying any signals ... near by any help out there ???/ (thank you va3amp)

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.733 / Virus Database: 271.1.1/2700 - Release Date: 02/22/10 05:34:00

192. Dayton Hamvention Live

Yahoo group: foxdelta
Date: 2010-02-23 15:03:28 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 192 Message: 192

W5KUB.COM will be broadcasting the Dayton Hamvention again live streaming on the internet this year. The fun starts when the convoy leaves for Ohio on Wednesday morning May 12 at approx 1300 UTC. This is our 8th year to broadcast and we have viewers in over 150 countries.

There is a chat room on the web site for hams around the world to chat with each other or the W5KUB team. Again this year, we will be giving out thousands of dollars of prizes to some lucky viewers. Prizes range from Heil Microphones, Icom equipment, Coment antennas, Daiwa wattmeters, LDG antenna tuners, Arrl handbooks, etc to mention just a few.

The site is up and running 365 days a year. Please check it out and go to hamvention with us. The sit is http://w5kub.com

73, Tom W5KUB
Tom Medlin

Amateur Radio Operator W5KUB
home page http://tmedlin.com
watch our live streaming video of hamfests at http://w5kub.com
Senior Member of I.E.E.E

193. foxdelta digi

Yahoo group: foxdelta
Date: 2010-02-24 18:29:13 UTC
From: alexander
Topic: 193 Message: 193

what are the meaning when loading fox delta digi (trace) trace on received and trace on transmitted for de bugging mode ! i am not computer genes in the programing set up i trying to read up on it to get a better under standing of it yes it transmitted and the red came on in trying to calibrate it.... it would be nice if the wording was more user friendly

195. Hyperterminal Problem

Yahoo group: foxdelta
Date: 2010-02-28 22:36:58 UTC
From: N7UBO
Topic: 195 Message: 195

Using Windows XP, I'm able to open hyperterminal just fine. When I power up the FoxDigi, I see this:

```
WB8WGA MODEMLESS TNC V 1.08
Type HELP for Info

cmd: _
```

Here's where it goes sour.....I cannot get any response from any typing I do. I also get the same results when I use 'putty'. Anybody got any ideas on what I might be doing wrong ?

196. RE: [foxdelta] Hyperterminal Problem

Yahoo group: foxdelta
Date: 2010-03-01 03:34:12 UTC
From: Howard Small
Topic: 195 Message: 196

Hi N7UBO

Well what you have said shows that the FoxDigi is basically functioning and that the Data line Tx from the digi to Rx on the PC is OK. I would be checking the line Tx from PC to Rx on FoxDigi as the first step.

Howard

VK4BS

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of N7UBO
Sent: Monday, 1 March 2010 8:37 AM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Hyperterminal Problem

Using Windows XP, I'm able to open hyperterminal just fine. When I power up the FoxDigi, I see this:

WB8WGA MODEMLESS TNC V 1.08
Type HELP for Info

cmd: _

Here's where it goes sour.....I cannot get any response from any typing I do. I also get the same results when I use 'putty'. Anybody got any ideas on what I might be doing wrong ?

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.733 / Virus Database: 271.1.1/2712 - Release Date: 03/01/10 05:34:00

197. Re: [foxdelta] Hyperterminal Problem

Yahoo group: foxdelta
Date: 2010-03-01 04:01:46 UTC
From: Tim Billingsley
Topic: 195 Message: 197

From an older conversation with Dinesh in reference to using hyperterm
with FoxDigi.

"Another thing I have noticed also is that I must hit carriage return
and then Ctrl Enter to get the foxdigi to accept commands at all"

On Sun, Feb 28, 2010 at 4:36 PM, N7UBO <n7ubo@...> wrote:
>
>
>
> Using Windows XP, I'm able to open hyperterminal just fine. When I power
> up the FoxDigi, I see this:
>
> WB8WGA MODEMLESS TNC V 1.08
> Type HELP for Info
>
> cmd: _
>
> Here's where it goes sour.....I cannot get any response from any typing
> I do. I also get the same results when I use 'putty'. Anybody got any
> ideas on what I might be doing wrong ?
>

198. FoxDigi Won't Transmit

Yahoo group: foxdelta
Date: 2010-03-01 05:04:32 UTC
From: N7UBO
Topic: 198 Message: 198

Looking for some help...My FoxDigi is receiving just fine but will not transmit. Here's my setup:

Radio FoxDigi
MIC <--> Pin 1
PTT <--> Pin 3
AUD <--> Pin 5
GND <--> Pin 6

And here are my config settings:
ECHO ON
TXDELAY 50
GPS $GPRMC
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 10
UNPROTO APRS-0 V WIDE1-1 V WIDE2-1
MYCALL N7UBO-2
MYALIAS WIDE1-1
BTEXT !4352.125N/11629.633W#N7UBO APRS FOXDIGI IN EMMETT ID

Any ideas ?
Thanx in advance.....

199. ST3 Calibration

Yahoo group: foxdelta
Date: 2010-03-02 05:16:11 UTC
From: wireseverywhere
Topic: 199 Message: 199

I'm having difficulty calibrating the displayed position using the out voltage adjust as described below. The rotator has been setup as described in the Yaesu Pre-Installation Adjustment section of the manual and works fine.

I'm using the procedure as described in "ST3 SETUP guide for G5500 by G0WXJ" as follows:

Azimuth:
On controller, set azimuth to 360 - Clockwise/Right
Connect ST3 interface to PC and control box
Adjust OUT VOL ADJ potentiometer located on the rear of the controller box, to give 360 on the ST3 display.
Manually return the rotator to 0 and check LCD still displays corresponding azimuth i.e. 0

I cannot adjust to 360 and range of adjustment I have is from 93L to 282L. I also assume the indication should be R as well.

Elevation:
On controller, set elevation to 180 - full scale
Connect ST3 interface to PC and control box
Adjust OUT VOL ADJ potentiometer located on the rear of the controller box, to give 180 on the ST3 display.
Manually return the rotator to 0 and check LCD still displays corresponding elevation i.e. 0

This adjustment is way off as well with my range of adjustment being 722D to 847D. Again this should indicate U as well.

I assembled the ST3 last year and it it is screened as FD-ST3-210209. The rotator is brand new. Any ideas would be appreciated.

Thanks

Mark.

200. Kits & Assembled

Yahoo group: foxdelta
Date: 2010-03-02 07:13:11 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 200 Message: 200

Hello

As stated earlier, most projects are now available as kit or assembled. There will be a delay of 3 to 4 days for assembled.

http://www.foxdelta.com/products/

73s/Dinesh

201. Kits & Assembled

Yahoo group: foxdelta
Date: 2010-03-16 02:53:32 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 200 Message: 201

Hello

I have updated most pages (still few to go) and now purchase buttons are added for online payment.

73s/Dinesh

202. Outstanding support

Yahoo group: foxdelta
Date: 2010-03-18 14:08:46 UTC
From: Adrian Lane
Topic: 202 Message: 202

Hi All,

I would just like to congratulate FoxDelta of the quality of the SC2 sound card interface I purchased from them.

The documentation was excellent and the kit was a pleasure to build, I did have a problem with one Potentiometer, all if took was one Email and a replacement was in the post.

I look forward to building more of your projects, many thanks, great value for money.

Yours sincerely

Adrian Lane (M3TVF)

203. 2CO and Paypal

Yahoo group: foxdelta
Date: 2010-03-18 15:33:06 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 203 Message: 203

Hello

Recently I have updated project pages with 2CO buy now buttons.
Advantage with 2CO is that you may use your credit card and funds with paypal. (Paypal is now within 2CO)

I hope this will ease buying to many who had bad experience with paypal (or blocked account) and those who are happy with paypal and have fund there!!

73s/Dinesh

204. Nothing in hyperterminal

Yahoo group: foxdelta
Date: 2010-04-02 04:05:41 UTC
From: ab8xg
Topic: 204 Message: 204

Hello all finished the fox-digi kit and and hooked up to hyper terminal power up the unit and get no message, not sure if i have the correct cable for the digi am using a straight serial cable with male and female ends with a gender changer on the fox digi end. I read somewhere that it takes a null modem cable and then somewhere else that it didn't so not really sure what cable i should use, and would like to know before i buy a null modem cable, and then find out that isn't the problem. when hooked to the serial cable and computer and powered up the RX led flashes aprox once per second. Have +12v input and +5v at the regulator on c2. Te kit is a 141208. Any help greatly appreciated.
Kenny/AB8XG

205. THANKS

Yahoo group: foxdelta
Date: 2010-04-04 04:19:04 UTC
From: ab8xg
Topic: 205 Message: 205

Thanks to all who replied to my question about nothing in hyperterminal got a cable today and everything worked great. Don't have the radio cable finished yet but hope to have it on the air for trial in a day or so and at the site soon. Thanks again for the help, this is a really nice kit/product and have already been spreading the word. 73 de Kenny/AB8XG

206. Frequency Counter FC-2A no freq adjustment

Yahoo group: foxdelta
Date: 2010-04-05 21:57:07 UTC
From: robert_s9
Topic: 206 Message: 206

I tried to calibrate my FC-2A and adjusting the C9/A trimmer capacitor does not change the frequency. I am using a laboratory standard 10.000 mhz source. The frequency stays at 10.00072 mhz and will not move. What are some ideas to fix this problem?

207. FoxTrack Locks in XMIT

Yahoo group: foxdelta
Date: 2010-04-06 00:43:52 UTC
From: Tim Billingsley
Topic: 207 Message: 207

The other day I noticed that my tracker had not been updating on aprs-fi
http://aprs.fi./?call=kd5ckp-14&mt=m&z=16&timerange=3600
So I stopped and checked the radio and the FT. The FT ws stuck in
xmit. I reset the power and as soon as the GPS got a lock and the FT
went into XMIT and it locked again. I hope it has not smoked my finals
in the radio, but I would like to know if anyone knows what may be
going on. It has worked flawlessly for months and now something is
wrong.

73
Tim KD5CKP

Please reply to the group.
I think it is silly to have a group that sends replies to individuals.
It defeats the purpose of sharing information.

208. Re: [foxdelta] FoxTrack Locks in XMIT

Yahoo group: foxdelta
Date: 2010-04-06 12:30:47 UTC
From: Tim Billingsley
Topic: 207 Message: 208

FT would be my FoxTrack.
I have the first version of the FoxTrack not the new version.

My Transmitter is a Kenwood TM-261A

On Tue, Apr 6, 2010 at 7:28 AM, F1src Michel <f1src@...> wrote:

> Hello Tim,
>
> I see your mail on foxdelta mailing list, i have two questions :
> which FT do you use and what is the version of your foxtrack ?
>
> --
> 73, Michel
>
> http://f1src.free.fr
>

209. Re: [foxdelta] FoxTrack Locks in XMIT

Yahoo group: foxdelta
Date: 2010-04-06 16:19:34 UTC
From: Tim Billingsley
Topic: 207 Message: 209

On Tue, Apr 6, 2010 at 9:17 AM, F1src Michel <f1src@...> wrote:

> Tim,
>
> >I have the first version of the FoxTrack
> >My Transmitter is a Kenwood TM-261A
>
> The problem is present just now ? before it's work fine ?
>

Yes the problem has just occurred in the last few days.
The tracker has been working fine for months.

>
> With my Kenwood TR-751e and the FoxDigi i have the same problem, and after
> a little brainstorming ;) i have find the solution, but the FoxDigi is very
> different, but perhaprs it's the same problem.
>
> Other question when the TM-261A switch in transmit mode, do you have the
> LED TX on ?
>

Yes the TX LED is on constant after the first TX. It never goes out. This is the new problem I have been referring to. I don't know what the problem may be. Firmware fried, bad connection somewhere, whatever, but it has worked well all along. Curious if anyone has encountered this and how they resolved it.

210. Re: [foxdelta] fox view 3 problems

Yahoo group: foxdelta
Date: 2010-04-11 09:12:13 UTC
From: F1src - Michel
Topic: 183 Message: 210

Hello Geoff,

> receives and decodes packets ok but am unable to set my location, and other paramaters.

With the version v4.0 of the PIC programm your coordinates are
automatically stored when receiving a packet sent from a specific call
(no manual entry).

To set your call, see the doc of JA0POR :
http://foxdelta.com/products/foxview2/FV2-Conf-JA0POR.pdf

Section : Set nomi & Rng, SrcCal

73, Michel
--
IN87KM - http://f1src.free.fr

211. NO POSITION ON MAP

Yahoo group: foxdelta
Date: 2010-04-14 04:15:27 UTC
From: ab8xg
Topic: 211 Message: 211

Hello again all, have the foxdigi working as far as digipeating and beaconing, the beacons show up on the terminal window of my UI-view32 station but not on the map and the digis from my station don't show up even though the unit transmits. I have tried several differant combinations of un proto and my alias and btext but can't seem to get the foxdigi to show up on ui-view map not sure if there is something else i need to add to the string or not.

```
BTEXT !3909.85n/08535.98w#AB8XG-4 SOLAR FOXDIGI
UNPROTO APRS-1 V WIDE1-1 V WIDE2-2
MYALIAS WIDE1-1
```

Any help greatly appreciated 73 de Kenny/AB8XG

212. RE: [foxdelta] NO POSITION ON MAP

Yahoo group: foxdelta
Date: 2010-04-14 05:15:00 UTC
From: Howard Small
Topic: 211 Message: 212

Kenny

The foxdigi is a fill-in digi and designed to work as a stand-alone unit. If you connect any TNC to UI-View you need to select the correct model and UI-View, on startup, will change the TNC to conv (converse) mode and then issue a string of commands to set it to function correctly with UI-View. Unless you have created a template for the foxdigi (or obtained one from somewhere else) simply connecting it to UI-View will not achieve what you want.

There is a similar unit to the foxdigi available from Cross Country Wireless (http://www.crosscountrywireless.net/aprs_tnc.htm) and they have the settings for using it with UI-View. I have tried that with the foxdigi without success. I believe that the foxdigi, even though you can put it in converse mode, does not have the capacity to operate as a TNC with UI-View.

So far as your configuration is concerned, that is all correct. As you can now see the problem is elsewhere.

Howard

VK4BS

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of ab8xg
Sent: Wednesday, 14 April 2010 14:15
To: foxdelta@yahoogroups.com
Subject: [foxdelta] NO POSITION ON MAP

Hello again all, have the foxdigi working as far as digipeating and beaconing, the beacons show up on the terminal window of my UI-view32 station but not on the map and the digis from my station don't show up even though the unit transmits. I have tried several differant combinations of un proto and my alias and btext but can't seem to get the foxdigi to show up on ui-view map not sure if there is something else i need to add to the string or not.
BTEXT !3909.85n/08535.98w#AB8XG-4 SOLAR FOXDIGI
UNPROTO APRS-1 V WIDE1-1 V WIDE2-2
MYALIAS WIDE1-1

Any help greatly appreciated 73 de Kenny/AB8XG

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.801 / Virus Database: 271.1.1/2807 - Release Date: 04/14/10 06:22:00

213. FoxTrak

Yahoo group: foxdelta
Date: 2010-04-15 11:19:03 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 213 Message: 213

Hello

Here I have some news on kits!

Basic FoxTrak Kits are once again available with metal cases.

Prices on following kits are reduced:
1. RF Power Meter
2. ST2
3. FoxTrak (B)
4. HF SWR Meter
5. SC2
6. TinyEcho Kits

Please visit: http://www.foxdelta.com/products/

73s/Dinesh

214. Working great

Yahoo group: foxdelta
Date: 2010-04-16 08:15:47 UTC
From: ab8xg
Topic: 214 Message: 214

The problem that i was having was an audio problem with the radio Yaesu VX-150 the problem that i was having was that the audio was very weak. The VX-150 uses the same pin for ptt and mic on the 4 pole plug, after a little searching and experementing i came up with a .001mf mylar cap and a 2.2k ohm resistor between the ptt pin and the mic pin on the foxdigi DB9 plug and only the mic wire going to the radio and it is working great no problems now. Thanks again for all the help. 73 de Kenny/AB8XG

215. FoxDelta KITS

Yahoo group: foxdelta
Date: 2010-04-17 04:44:32 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 215 Message: 215

Hello everybody.

I was surprised to see my Fox Delta website name listed on http://www.echolink.org under interfaces linked to Lone-star in TX, owned by Marc Lacy/W5TXR.

Please note that, foxdelta do not have any dealers or distributors anywhere and we only sell kits directly to radio amateurs to keep prices low.

Lone-star owner Marc Lacy did purchase one foxecho-k7 from foxdelta and wanted to sell these foxecho-k7 kits thru his business. We have never made any arrangement nor we have ever supplied foxecho-k7 kits for resell to him or his company.

Marc Lacy, wanted to sell other kits thru hemfest in TX and I(VU2FD) did send him on his personal name, kits like FT, MiniTNC, FC2, ST1 etc on one month credit, on my personal account.
Although he sold kits supplied by me on credit for sales at hemfest, he has not paid me even after two months.
Moreover, it was made very clear to him that, if he can not sell credited kits at hemfest etc, he is free to return to my address in NV/USA, which too, he has not done so far.

This is only clear any misunderstanding that people may have from unauthorized link placed by echolink.

I hope owners/admin of echolink, who are reputed and hardworking people take necessary action in this regard.

73s/Dinesh

216. Galileo

Yahoo group: foxdelta
Date: 2010-04-30 04:33:26 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 216 Message: 216

Hello

although this was the first project that I took up 2 years back, it took long to complete.

Galileo, 20.1MHZ Radio Astronomy Receiver with built in A/D, 20MHZ Reference Osc and LCD Frequency Display, is finally ready to ship in assembled form.

Still, need more time to prepare docs & schematics. Once they are done, kits will be available.

http://www.foxdelta.com/products/galileo.htm

Also ready are Current antenna Balun for dipoles and Two Antenna Combiner/Spliter.

Galileo and combiner are supplied in powder coated metal cases.

73s/Dinesh Gajjar

217. ST3 Satellite Antenna Tracking Interface

Yahoo group: foxdelta
Date: 2010-05-01 04:05:10 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 217 Message: 217

Hello

I had to put off ST3 kits due to unavailability of LTC1298 Chips. Now that they are in stock, kits and assembled ST3 are in stock. ST3 is supplied with a free powder coated metal case.

http://www.foxdelta.com/products/st3.htm

73s/Dinesh Gajjar

218. PIC16F877A LCD HF 100W SWR Meter: FD-SWR-HF

Yahoo group: foxdelta
Date: 2010-05-03 21:30:13 UTC
From: Phillip
Topic: 218 Message: 218
Attachments: 1 described; binary payloads are missing from this source WARC

Hi all,
just wondering if any one has one of these kits and what does it
display ??

Can some one send me a couple of photos of the display with the information
being displayed..

Also any pit falls etc ..

73 Phillip
ZL2TZE

219. Hit and Miss FoxTrack

Yahoo group: foxdelta
Date: 2010-05-17 21:34:26 UTC
From: Tim Billingsley
Topic: 219 Message: 219

I recently lost my PIC due to RF or other circumstances. I acquired a new programmed PIC from Dinesh (Thank you Dinesh). Unfortunately that has not resolved the problem completely. The tracker no longer locks in transmit, but new problems exist.

The tracker is heard and understood maybe 1% of the time. you can look at aprs.fi http://aprs.fi./?call=kd5ckp-14 and see that the tracker is being heard, but you can look at the raw packet data http://aprs.fi./?c=raw&call=KD5CKP-14 and see that the beacon data is inconsistent from one packet to the next.

We have placed the tracker on a scope and can see that the voltages and audio are as they should be through R8-11, R12, and C8. The audio levels are good as heard through other receivers and when checked with the oscope. I am not sure how we can check the baud rate to confirm proper operation of the oscillator, but for some reason the packets are not being decoded.

Does anyone have suggestions on repairing or calibrating the tracker so it will again function properly?

Thanks in advance for any assistance.

73 de Tim KD5CKP

220. Question about ST-2 Setup

Yahoo group: foxdelta
Date: 2010-05-20 14:45:44 UTC
From: richardarvada
Topic: 220 Message: 220

I have just purchased an ST-2 and have Sat32PC installed. I do not yet have the Yaesu rotator. Before testing the ST-2, do I have to have the rotor and rotor controller attached? I powered up the ST-2 by itself and got a message about EEPROM bad data. Pardon the newbie question. Thanks es 73, Dick K5VYT

221. ST-2 setup problem

Yahoo group: foxdelta
Date: 2010-06-06 02:09:38 UTC
From: Slicric
Topic: 221 Message: 221

Im trying to setup the ST-2, but im getting no readout on the LCD. Is this a EEPROM controller problem? If so any suggestion to fix it. Thanks, Ricky KC5NHM

222. Is Fox Delta shipping kits?

Yahoo group: foxdelta
Date: 2010-06-08 16:39:14 UTC
From: John
Topic: 222 Message: 222

I ordered the FC2 and the HF SWR Meter kits back on May 29th knowing that it was a Holiday weekend. I was notified on June 4th that the FC was being sent via mail with a #. No information was provided for the HF SWR kit. When I check the # for the FC2 it still shows that only the shipper has notified the post office it will be shipped, no information that it was processed nor where it is located now. So I'm wondering, is Fox Delta really shipping anything? Should I cancel my credit card charge? Has anyone gotten any communication from Fox Delta once they've made an order or have yo been left in limbo also?

223. Re: Is Fox Delta shipping kits?

Yahoo group: foxdelta
Date: 2010-06-08 17:32:29 UTC
From: foxdelta
Topic: 222 Message: 223

Hello John

Please note that both the items were dispatched to you and they are on its way. As stated on my website, it takes 8 to 14 days for Registered airmail. 2CO/Paypal has provided you RR numbers for both kits. FC2: RR731528295IN on 5th June and RR731528043IN on 2nd June HFSWR.

Kindly do not worry about status you find on USPS web page. It only indicate that packet is on its way to US. Status will soon change.

Please wait for couple of days more and let post deliver it to you. If you do not receive kit that I have dispatched, I will refund your payment.

Regards/Dinesh

--- In foxdelta@yahoogroups.com, "John" <john@...> wrote:
>
> I ordered the FC2 and the HF SWR Meter kits back on May 29th knowing that it was a Holiday weekend. I was notified on June 4th that the FC was being sent via mail with a #. No information was provided for the HF SWR kit. When I check the # for the FC2 it still shows that only the shipper has notified the post office it will be shipped, no information that it was processed nor where it is located now. So I'm wondering, is Fox Delta really shipping anything? Should I cancel my credit card charge? Has anyone gotten any communication from Fox Delta once they've made an order or have yo been left in limbo also?
>

224. Fox Digi Repeat Problem.

Yahoo group: foxdelta
Date: 2010-06-10 09:16:40 UTC
From: ta5fw
Topic: 224 Message: 224

Hello,

I had to buy 2 or 3 times Fox Digi and trackers. I working about this subject very long time.

I always thinking, I using bad path because of this reason my digi don't repeat any station. (without one station)

My fox digi repeat just my Igate station but it don't repeat others. My Igate heard OD5 and 5B4 stations. I heard this stations audio from my fox digi radio (motorola gm300) Finally, My Igate recieved and transfer to internet but my fox digi never repeating.

I can't understand this. I want to get yours advices.

Many thanks

Korhan BUKEN
73 TA5FW

225. Re: [foxdelta] Fox Digi Repeat Problem.

Yahoo group: foxdelta
Date: 2010-06-10 11:12:05 UTC
From: Tim Billingsley
Topic: 224 Message: 225

Similiar issues here. We are still looking for answer.

73
Tim KD5CKP

On Thu, Jun 10, 2010 at 4:16 AM, ta5fw <ta5fw@...> wrote:

>
>
> Hello,
>
> I had to buy 2 or 3 times Fox Digi and trackers. I working about this
> subject very long time.
>
> I always thinking, I using bad path because of this reason my digi don't
> repeat any station. (without one station)
>
> My fox digi repeat just my Igate station but it don't repeat others. My
> Igate heard OD5 and 5B4 stations. I heard this stations audio from my fox
> digi radio (motorola gm300) Finally, My Igate recieved and transfer to
> internet but my fox digi never repeating.
>
> I can't understand this. I want to get yours advices.
>
> Many thanks
>
> Korhan BUKEN
> 73 TA5FW
>
>
>

226. Re: [foxdelta] Fox Digi Repeat Problem.

Yahoo group: foxdelta
Date: 2010-06-10 13:18:33 UTC
From: F1src Michel
Topic: 224 Message: 226

Hello,

> internet but my fox digi never repeating.

What is your config in the FoxDigi (send your config) ?
What kind or transeceiver do you use ?

--
73, Michel
http://f1src.free.fr

227. Re: [foxdelta] Fox Digi Repeat Problem.

Yahoo group: foxdelta
Date: 2010-06-10 19:57:26 UTC
From: Tim Billingsley
Topic: 224 Message: 227

Rather than asking for his, please post a working config file so we can all
see "how it is supposed to be".
I am very interested to see this.

On Thu, Jun 10, 2010 at 8:18 AM, F1src Michel <f1src@...> wrote:

>
>
> Hello,
>
>
> > internet but my fox digi never repeating.
>
> What is your config in the FoxDigi (send your config) ?
> What kind or transeceiver do you use ?
>
> --
> 73, Michel
> http://f1src.free.fr
>
>

228. FoxDigi Working Config

Yahoo group: foxdelta
Date: 2010-06-11 01:39:36 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 228 Message: 228

Working config for Foxdigi/Mini-TNC is detailed on following docs and links:

http://www.foxdelta.com/products/foxdigi/foxdigi-config.pdf

http://f1src.free.fr/page/fd_foxdigi.htm

http://groups.yahoo.com/group/foxdelta/message/140

Regards/Dinesh

229. Re: [foxdelta] Fox Digi Repeat Problem.

Yahoo group: foxdelta
Date: 2010-06-11 08:23:14 UTC
From: F1src Michel
Topic: 224 Message: 229

Hello,

>I am very interested to see this.

This my config (foxdigi first version)

```
ECHO ON
TXDELAY 110
GPS $GPGGA
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 30
UNPROTO WIDE1-1 V WIDE2-2
MYCALL F1SRC-1
MYALIAS WIDE1-1
BTEXT !4740.00N/00307.00W#W1-1 TEST FoxDigi
```

With this config is work fine, a important element is the audio level from the transceiver, if you connect a PC on the serial connector you see the data when the audio level is good. Adjust also the TXDELAY this value depend of your transceiver.

In fact when you have this config of the digi it's work :
UNPROTO WIDE1-1 V WIDE2-2
MYCALL F1SRC-1
MYALIAS WIDE1-1

If you have for example this the digi don't work :
UNPROTO APRS-0 V WIDE1-1 V WIDE2-2
MYCALL F1SRC-1
MYALIAS WIDE1-1

If you have it's work :
UNPROTO APRS-0 V WIDE1-1 V WIDE2-2
MYCALL F1SRC-1
MYALIAS APRS-0

Do you see ?, in the line UNPROTO the first element (like WIDE1-1) is the same element of the MYALIAS line (like WIDE1-1).

Have a nice day

--
73, Michel

http://f1src.free.fr

230. Dual Channel LCD SWR Meter by I2TZK

Yahoo group: foxdelta
Date: 2010-06-16 07:15:35 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 230 Message: 230

Hello

Tony, I2TZK has made a lot of effort & hard work to make a new design of a dual channel SWR LCD Meter, PC Software, PIC16F877A Firmware and PC Data Logger.

Please visit project page at:

http://www.foxdelta.com/products/swm2.htm

or visit I2TZK's web site at: http://www.i2tzk.com/

Three HF and one VHF bridges are also available to match I2TZK CPU.
I expect to offer kits soon, if possible, with a powder coated case.

73s/Dinesh

231. Works, but can't digipeat - Foxdigi 141208

Yahoo group: foxdelta
Date: 2010-07-03 15:19:26 UTC
From: econetta
Topic: 231 Message: 231

Hello all
last week I received the FoxDigi and during this weekend I had some free time to setup the unit.
Kenwood tm-231 8 pin connector going to serial d9f.
Audio jack from the back of the radio, to pin 5
PTT pin 2 (radio) to pin 3 (d9f)
MIC pin 1 (radio) to pin 1 (d9f)
8 and 7 GND (radio) to pin 6 (d9f)

the RX led lights up in I'm receiving
the TX led lights up when I'm trasmitting

I can here the audio from another radio, when I do calibrate

The unit works, because I can see the traffic online
http://aprs.fi/?c=raw&call=VA3ITA-1

What I'm trying to achive is to digitally repeated other aprs stations.
For example, the 5w handheld that I have in my car, connected with a TT4, cannot reach directly other igate or digipeater (one packet after several beacons)
I can ear my mobile aprs station (20 meters away from me
http://aprs.fi/?c=raw&call=VA3ITA-1) but seems that the foxdigi is not relaying the message to other digistation or igate.

This is my current config (by looking at several config file from this forum)

```
ECHO ON
TXDELAY 110
GPS $GPGGA
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 1
UNPROTO WIDE1-1 V WIDE2-2
MYCALL VA3ITA-1
MYALIAS WIDE1-1
BTEXT !4356.00N/07948.07W#W1-1 FoxDigi
```

I want to run the unit as standalone digipeter.
Antenna, radio and FoxDigi. Nothing also.NO GPS, no display.

Currently
SW1 is 1 ON 2 ON
SW2 is 1 OFF 2 OFF

I'm not able to see the current traffic going trough the digifox. yestarday night, I was getting some lines, but I don't know why it's not working anymore

Thank you and best 73

Edmondo

232. More Project Cases available

Yahoo group: foxdelta
Date: 2010-07-18 02:48:58 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 232 Message: 232

Hello

After a long wait, we have following project cases in stock and will be supplied with kit or assembled free of charge:

SC1, ST2, ST3, Tinyecho, FoxView3

We also have stock of powder coated metal cases for following projects not yet launched:

SWM2 (Dual Channel SWR Meter), Multi-purpose Measuring/controlling Device, RPC3, VHF/HF Bridges, FoxTrak2,

73s/Dinesh

233. LCD Dual Channel SWR Meter Kits

Yahoo group: foxdelta
Date: 2010-07-23 07:42:31 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 233 Message: 233

Hello

Kits are now available for LCD Dual Channel SWR Meter using PIC16F877A, PC Program and data-logger. A free case is available for CPU and bridges.

Matching HF and VHF bridges with metal case are also available.

Please refer to: http://www.foxdelta.com/products/swm2.htm

73s/Dinesh

234. Antenna Matching Balun for QRP Radios

Yahoo group: foxdelta
Date: 2010-07-29 12:15:36 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 234 Message: 234

Hello

Here is a project to match your whip or vertical antenna while on move with your QRP Radio!!

This is a simple BALUN with 12.5, 25 and 50 Ohms matching using two toroids. Kits are now available and are supplied with free powder coated cases.

Please visit: http://www.foxdelta.com/products/ambalun.htm

73s/Dinesh Gajjar

235. FOXVIEW 3

Yahoo group: foxdelta
Date: 2010-08-04 18:23:48 UTC
From: Perrin
Topic: 235 Message: 235

I completed my FOXVIEW 3. Call F8FFP-4 which will soon be in position on the height of the Village.
I offer you to discover preparation and installation.

see below page

http://radioamateurffp.wifeo.com/

73'S

236. Foxdigi Config Questions

Yahoo group: foxdelta
Date: 2010-08-13 05:40:22 UTC
From: tomsdad97
Topic: 236 Message: 236

I'm setting up a Foxdigi as a digi, but have some questions about which is the "best" configuration for my needs.

Settings:

```
ECHO ON
TXDELAY 75
GPS $GPGGA
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 20
UNPROTO WIDE1-1 V WIDE2-2 V WIDE3-3
MYCALL VK2RPL-1
MYALIAS WIDE1-1
BTEXT !2814.23sS15330.09e#PHG5530/SARC under test.
```

Using the above settings the Foxdigi will happily digipeat a packet from my kentwood HT (vk2poo-7 set with wide1-1,wide2-2), but it doesn't seem to repeat any other traffic received from any other digpeater.

If I change thw Foxdigi myalias to wide2-1, then it will repeat traffic received from other digipeaters, but won't repeat packets from my HT.

Any advice?

73 de Steve VK2POO

237. set up

Yahoo group: foxdelta
Date: 2010-08-14 05:47:42 UTC
From: Dennis
Topic: 237 Message: 237

I have the foxtrak and when finished I put it in place of my byonics tiny track 4 and powered it on. after about 1 in the cap. C1 burned out. do any one know why. the radio is a FT-1900 and i am using the cables i us with tiny track and power the unit. is there some thing i am missing. that the cap go up in smoke. all my other tracker work.

238. ST3 - Calibrate endpoints?

Yahoo group: foxdelta
Date: 2010-08-19 18:14:38 UTC
From: ab0tj
Topic: 238 Message: 238

Hi,

I am trying to use the ST3 controller with my homebrew rotor setup. My rotor controller outputs about .2 to 4.9 volts depending on position instead of the 2-4.5 or so that the Yaesu outputs. Is there any way to tell the ST3 what voltages to use for 0 and 360 degrees, or am I going to have to redesign my rotor controller?

Thanks,
Alex
AB0TJ

PS, yes I read where it says this is not a support forum, but I couldn't find any other means of support. Thanks!

239. FV3

Yahoo group: foxdelta
Date: 2010-08-23 06:15:21 UTC
From: tomsdad97
Topic: 239 Message: 239

Received my Foxview 3 today (thanks!) and just reading over the docs I've realised that I don't know what the function of SW1 is?

The PCB is screened 1 Null, 2 Normal, 3 Normal, 4 Null.

What do these 4 switches control?

73 Steve VK2POO

240. FoxTrak on HF

Yahoo group: foxdelta
Date: 2010-08-24 10:13:09 UTC
From: g4ilo
Topic: 240 Message: 240

Hello. Can anyone tell me if it would be possible to modify the FoxTrak to produce 1600/1800Hz 300bd modulation for HF? Is such firmware available, could existing firmware be easily modified or are there other difficulties that would make my idea impossible?

Julian, G4ILO

241. QRP WATT/SWR Meter

Yahoo group: foxdelta
Date: 2010-08-30 00:48:53 UTC
From: Gary
Topic: 241 Message: 241

I run qrp and am looking for a WATT/SWR Meter capable of readings in the MW through 5 W range. Any suggestions?

242. Foxview 3 Tx Levels

Yahoo group: foxdelta
Date: 2010-08-31 01:41:12 UTC
From: tomsdad97
Topic: 242 Message: 242

I purchased a Foxview 3 and the Tx levels are so low that the packets cannot be decoded.

How can adjust them to a workable level?

cheers Steve VK2POO

243. fox digi not digipeating

Yahoo group: foxdelta
Date: 2010-10-02 19:37:01 UTC
From: Mark - W8XR
Topic: 243 Message: 243

I just installed a fox digi and it's not digipeating. It beacons correctly, but shows nothing with mon all nor does it digipeat.

I can see the signal getting to RA0 from the radio (an FT8900) with a scope. The rx LED is on constantly (from the noise coming from the receiver), unless of course I squelch it.

The FT8900 works well with a Signalink but I don't want to dedicate a computer to digipeating (hence the fox digi...)

Here's a copy of my config.

Any thoughts?

Mark
W8XR

```
ECHO ON
TXDELAY 200
GPS $GPGGA
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 10
UNPROTO WIDE1-1 V WIDE2-2
MYCALL W8XR-1
MYALIAS WIDE1-1
BTEXT =4140.31N/08336.78W#/Neighborhood digi - Old Orchard
```

244. Shopping Cart

Yahoo group: foxdelta
Date: 2010-09-06 13:33:17 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 168 Message: 244

Hello

In addition to 2CO (with paypal facility) on project web pages, a new Shopping cart with paypal direct buttons is now ready at:

http://www.foxdelta.com/shopping/

73s/Dinesh

245. Fw: [foxdelta] Foxview 3 Tx Levels

Yahoo group: foxdelta
Date: 2010-10-03 07:05:33 UTC
From: Steve Sharp
Topic: 245 Message: 245

Bumped!

Still looking for a solution:-(

>I purchased a Foxview 3 and the Tx levels are so low that the packets
>cannot be decoded.
>
> How can adjust them to a workable level?
>
> cheers Steve VK2POO

246. Foxtrak serial connection

Yahoo group: foxdelta
Date: 2010-10-05 14:50:23 UTC
From: g4ilo
Topic: 246 Message: 246

I have just completed a Foxtrak-M board, which is a pretty simple kit and not much to go wrong, but I can't tell if it works. The red LED comes on when I apply power and that's it. I have put a push-to-make switch for the TX Now function. Should the board generate audio and illuminate the PTT LED when I push TX Now even if no configuration has been carried out yet? Because it doesn't.

I am confused about the type of connection needed to configure the device. All the documentation talks about Serial and RS-232 but I thought that RS-232 uses +12V/-12V logic levels. The Foxtrak uses a PIC so I would presume that I can only interface it to a TTL device. The DK7IN circuit includes diodes to protect the PIC from the +12V/-12V logic levels but the Foxtrak doesn't so I presume that I can't connect it to a PC serial port without a level converter circuit.

I have a little PCB module with a USB plug on it that contains a USB to Serial TTL converter. As far as I can tell this is a 3.3V device. I have tried connecting this to the serial port of the Foxtrak but the configuration program says "No Tinytrak detected."

So how can I connect this to a PC to configure it, and are there any other ways I can test if the PIC is running and the board otherwise works?

Julian, G4ILO

247. foxdigi & dwait

Yahoo group: foxdelta
Date: 2010-10-08 13:13:05 UTC
From: n1ier
Topic: 247 Message: 247

Does the foxdigi use DWAIT to avoid collisions?
If it does how would I change the firmware to change this??
The area I'm in uses WIDEn-n to control packet flow.

Thanks

Ken

248. Foxview3 RX Beacons Decoding enhancement

Yahoo group: foxdelta
Date: 2010-10-08 21:40:01 UTC
From: Benoit Matral
Topic: 248 Message: 248

Hello To All

I made a little mod to my foxview3 in order to inprove foxdigi beacon reception , here is my description (I made a link on my web page with .hex and .asm files
http://f4eyw.free.fr/fxw3/foxdigi-mx614_enhancement.html
<http://f4eyw.free.fr/fxw3/foxdigi-mx614_enhancement.html>):

After a few day of observation between foxdigi and foxview i noticed that foxview had the ability to diplay many more beacons comming from weak signal, foxdigi could not (other tracker i own could not decode too : tynitrak4, Opentraker+).

So i noticed that the MX614 modem chip had a geat sensitivity and could decode very weaks signals.

My idea was to use the outpout of the MX614 (used by Foxview) to feed the PIC16F88 (Used By FoxDigi), as all the componets are on the same board on the Foxview3.
(use of PIC16F88 RB4 input line for decoding beacons to replace the embedded comparator but less efiscient of the PIC16F88)

After a few day of studying the asm file uses in Foxdigi i made a very little modification to the original one:

-For software just burn the new .hex (which in fact just toogle bit and set tone using interupt and TTL Level on RB4)

-For Hardware:Just cut the track from RB4 (PIN10) to RA3 (pin2) of the PIC16F88 and link the same RB4 to RXD (Pin 13) of MX614:
http://f4eyw.free.fr/fxw3/fv3-top-pcb-mx614-to-foxdigi.JPG
<http://f4eyw.free.fr/fxw3/fv3-top-pcb-mx614-to-foxdigi.JPG>

And now my Foxdigi as a great sensitivity and so can decode all the beacons as Foxview does, as they are now sharing the same decoder chip the MX614 J
now we have a very sensitive aprs viewer and Digipeater :)

After a few day it is really working great and I receive much more beacon than before on my Foxdigi.

The links to the web page with .hex

http://f4eyw.free.fr/fxw3/foxdigi-mx614_enhancement.html
<http://f4eyw.free.fr/fxw3/foxdigi-mx614_enhancement.html>

73'sBenoit

249. FoxView3

Yahoo group: foxdelta
Date: 2010-10-09 02:00:40 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 249 Message: 249

Hello Benoit

Modification to FV3 is great and I have implemented this mod on new PCBs. I will soon upload pictures, schematic and full info.

Many thanks.

73s/Dinesh

250. FoxVew3 or FoxDigi to UI-VIEW32

Yahoo group: foxdelta
Date: 2010-10-10 21:38:43 UTC
From: yulik4x6hp
Topic: 250 Message: 250

Hi Friends,

May be some use FoxView3 or FoxDigi with ui-view32 APRS software? If so, how i can to setup those devices with ui-view to use like a TNC

251. Audio INN in FOXDIGI problem

Yahoo group: foxdelta
Date: 2010-10-13 12:43:57 UTC
From: xe1radio
Topic: 251 Message: 251

Hi:

I have a new FOXDIGI, but I need to put volume very high so that it codifies the signals. Tried with several radios and I believe that is not normal.

Can you help me ?

Joaquin XE1R

252. Repeater (Remote) Controller

Yahoo group: foxdelta
Date: 2010-10-14 16:05:31 UTC
From: Perrin
Topic: 252 Message: 252

Here is Repeater (Remote) Controller is ended.
I deposited photographs and would give
of information additional on my Internet site

F8FFP

253. Re: FoxVew3 or FoxDigi to UI-VIEW32

Yahoo group: foxdelta
Date: 2010-10-21 10:16:14 UTC
From: Rick
Topic: 250 Message: 253

--- In foxdelta@yahoogroups.com, "yulik4x6hp" <4x6hp@...> wrote:
>
> Hi Friends,
>
> May be some use FoxView3 or FoxDigi with ui-view32 APRS software? If so, how i can to setup those devices with ui-view to use like a TNC
>
Hi,

Yes, I'm after the same information.
I have a MiniTNC which is almost the same at the FoxDigi. What parameters do I need to configure it to work with UI-View?

Thanks :)

254. Very low audio FoxTrak to TH-F7E (F6A)

Yahoo group: foxdelta
Date: 2010-10-27 17:36:12 UTC
From: g4ilo
Topic: 254 Message: 254

I have built a FoxTrak-M and it seems to work fine. I made up an interface cable for a Kenwood HT and it gives plenty of deviation with my 25 year old TH-205E needing the audio out pot set to just above minimum. When plugged in to my TH-F7E (European version of the TH-F6A) there is no audio at all. Even with the pot wound to max and the dip switch set to high audio level the audio is far too low although it is decoded on another radio a few feet away.

I have an accessory speaker mike which works with both radios giving adequate transmit audio so there is not a problem with the external mic socket on the F7E as far as I can tell. Since the Foxtrak works with the TH-205E there can't be anything wroing with that either. I have made two separate attempts at wiring up the connecting cable with tx audio to the ring and PTT to the sleeve of the 3.5mm connector and ground to the sleeve of the 2.5mm connector as shown in the TH-F7E manual and neither gives any audio on the F7E. I can't for the life of me see what I am doing wrong. Has anyone used a FoxTrak with one of these radios and experiernced this problem /found a solution?

Julian, G4ILO

255. FoxView3 Working Config

Yahoo group: foxdelta
Date: 2010-11-29 16:18:16 UTC
From: Perrin
Topic: 255 Message: 255

I need a help.

I have install my FV3 on my FT897D.
Everything is OK except that I added modifications in the menu

SET RATING and SET NAME&WPT.

and supporting his function digipeater does not walk any more.
for the config since the terminal it is ok

have an idea you???

256. foxdigi Q's

Yahoo group: foxdelta
Date: 2010-12-01 03:16:43 UTC
From: Rodney
Topic: 256 Message: 256

hi, i have a foxdigi and it works good, it digi's but does not show up on any paths or ui-view, igate or aprs fi, i have the alt. and lon.
set with # and no show any ideas?
best regards

257. foxdigi not working

Yahoo group: foxdelta
Date: 2011-01-02 19:25:38 UTC
From: michael
Topic: 257 Message: 257

I programmed the foxdigi my wife bought for Christmas...but it does not indicate that it is receiving and it never trys to retransmit.....anybody have any idea whats going on? i have a Byonics AOI that i am using to test with and our kpc-3 aprs digi located some miles away will digipeat the Byonics but not the foxdigi.....should i send it back?
thanks..mike...wa8ywo

258. ST2 Calibration from the front panel buttons

Yahoo group: foxdelta
Date: 2010-12-22 21:19:19 UTC
From: wp4cnu
Topic: 258 Message: 258

Hi!

I try to calibrate my ST2 (firmware 0.7) but no luck. I go step by step on calibration mode using the front buttons, and on STEP 4, say using the U button to move the rotator to the maximun elevation stop (90 or 180) not respond. any idea????? .. using G-5400

Thank

Paco

259. dual channel SWR meter - a couple of questions

Yahoo group: foxdelta
Date: 2011-01-05 22:49:04 UTC
From: k7rdb
Topic: 259 Message: 259

1. I purchased the dual channel SWR meter assembled - does it still need to be aligned? It doesn't seem to match up what my other meter (Daiwa) says.

2. I would like to mount the display in my rack enclosure. Are there drawings/measurements somewhere for the LCD display/LED/buttons with mounting screw that I could use so I dont have to re-measure the whole thing?

Thanks

Randy K7RDB

260. FoxDigi COM problem..,

Yahoo group: foxdelta
Date: 2011-01-15 06:16:26 UTC
From: yo2ldk
Topic: 260 Message: 260

hi for all,
i make 2 pcs. TNC with PIC16F88 after FOX DIGI schematic, and MAX232 for serial connection. with V.1 and V2 hex file version
When I try to connect with ui-view, fail, I look frame error on com 1; if I give the command display, show me the settings after a few seconds.
So there is a delay on the RX line, because if I connect the modem, my message appears instantly "Modemless ....." that's why I can not make any connection in the UI-View, I guess.
has anyone encountered this symptom?
another problem - cannot digipeat anything !
config file = ok, as look in description

P.S.
I tried a USB 2 COM adapter, in this case, I only show strange characters in terminal line.
just happens to mention that both TNC, the scheme is fair, just and hardware

261. Using FD radio interface withing 1U CPU for custom Radio PC

Yahoo group: foxdelta
Date: 2011-01-15 15:26:17 UTC
From: k7rdb
Topic: 261 Message: 261

Thought you might like to see my implementation of the Fox Delta Dual Channel Power/SWR meter and sound card interface into my custom rack radio project. I'm actually having the rack panel cut today but the rack CPU shows the flexibility of the PCBs. I just ordered the TNC kit to add internally to the 1U Intel D945 computer. Pictures on my web site:

http://www.fivebynine.com

kit suggestion: 9600 bps TNC! Great kits! I'm very impressed at the quality of the boards and ease of construction.

262. FoxDigi as a Digipeater

Yahoo group: foxdelta
Date: 2011-01-17 09:50:25 UTC
From: yo2ldk
Topic: 262 Message: 262

hi,

have anyone of you an FoxDigi working as a digipeater ???

because i made 2 pcs. and none not work as a digipeater;
maybe just Bought that the work; have another version of software?
I tried with v2.0 and 2.2 hex file but not retransmit any frame
i have correct config file, i tried other combinations without succes

```
ECHO Off
TXDELAY 70
GPS $GPGGA
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 10
UNPROTO WIDE1-1 V WIDE2-2 V WIDE3-3
MYCALL yo2ldk-1
MYALIAS WIDE1-1
BTEXT !4517.29N/02152.99E#PHG5530/ digi test
```

please mail me, i see cannot REPLY in this forum..

263. Updates for APRS Kits

Yahoo group: foxdelta
Date: 2011-01-17 01:29:03 UTC
From: Dennis Rogers
Topic: 263 Message: 263

Use the following:

TXDELAY 30 instead of 64 (this may vary radioo to radio).
MYALIAS WIDE1-1 (to digipeat with one hop) will NOT digipeat without this parameter set.
*DIGI ON *(enable Digipeating).

*UNPROTO APT225-0 V WIDE2-2 *\

Hope this helps. Always double check signal lines to/from radio and PC/or GPS.

This works above on Mini-TNC, Foxdigi, and FV-3 1010 kits.
I am using an Icom, Kenwood, and other transceivers with much success.

Oh, keep wiring away from rf amplifiers and radio rf antenna outputs as it will stck in PTT.

--

Dennis, N5VRP
n5vrp.satx@...

264. Foxdigi ne passe pas en emission

Yahoo group: foxdelta
Date: 2011-01-22 20:33:59 UTC
From: StÃ©phane
Topic: 264 Message: 264

Bonjour,

Excusez moi pour le français, mais j'aurais du mal à expliquer le problème en anglais (si quelqu'un veut traduire...)

En fait, je n'ai pas d'émission avec le foxdigi ! les trames ne sont pas répétées et la balise ne passe pas !

J'ai activé le mode "Trace" en émission, en fait les infos passent bien, toute les minutes (j'ai réglé la balise à 1 minute pour les essais), il y a une série binaire du style AE 92 88... qui passe, mais rien ne se passe en émission, pas non plus de sortie BF.

Avez vous une idée du problème?

Merci d'avance.
Encore pardon pour le français.

Cordialement.
Stéph.

265. How to digipeat non-APRS packets with foxdigi?

Yahoo group: foxdelta
Date: 2011-01-26 21:43:10 UTC
From: pa4rm
Topic: 265 Message: 265

Hi,
I have bought foxdigi and like to use this as an (non-aprs) digipeater. Beacons are send just fine. When receiving I see the rx led is blinking, so there is incoming audio. When I try to send a packets via this digipeater nothing happens. I also can not see anything on my terminal and monitor setting is "ALL" (I expect to see everything received).
I like to use this for EMCOMM with Winlink2000 and I try to connect from Packlink (client) to RMS (server).
This is my config:
cmd: disp
ECHO ON
TXDELAY 64
GPS $GPGGA
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 10
UNPROTO RELAY-0
MYCALL PA4RM-11
MYALIAS RELAY-0
BTEXT [JO21GX] Digipeater PA4RM-11 (PHG: 5W 2m 0db Directon: Omni)
OK

It sent beacon every 10.
Sample beacon:
1:Fm PA4RM-11 To RELAY <UI pid=F0 Len=61 >[11:49:44]
[JO21GX] Digipeater PA4RM-11 (PHG: 5W 2m 0db Directon: Omni)
I try to connect Winlink RMS (PA4RM-10) with Paclink client (PA4RM) and this is the sample of what is sent by paclink.
1:Fm PA4RM To PA4RM-10 Via PA4RM-11 <SABM P>[12:25:04]
or
1:Fm PA4RM To PA4RM-10 Via RELAY <SABM P>[12:25:55]
but foxdigi will not digipeat any packet.
Is it possible for foxdigi to digipeat other (non-aprs) packets or not?

266. Communicating with FoxTrak

Yahoo group: foxdelta
Date: 2011-02-03 15:17:29 UTC
From: g4blh
Topic: 266 Message: 266

Hi All,

My FoxTrack (Rev101008 Version) arrived a couple of days ago (prebuilt). Today I connected power (LED flashed 3 times). I hooked up my laptop and ran TTconfig.

Check Version returns TinyTrak DK7IN V1.6, which suggests to me that the computer is communicating with the device.

Read Configuration returns parameters but with some nonsense in Callsign and Path fields.

Having entered the parameters I want, e.g G4BLH-9 etc

Write Configuration returns an error message ' Write configuration failed, Data Write Mismatch'.

Anyone got a clue what is wrong please ?

Mike G4BLH

267. FOXTRACKER tuning

Yahoo group: foxdelta
Date: 2011-02-11 22:53:38 UTC
From: n7viy
Topic: 267 Message: 267

There are two variable pots on the PCB on the original Foxtracker.
How do you adjust these correctly?

Thanks,

Rich

268. RF Controlled AC outlet project - see photos section.

Yahoo group: foxdelta
Date: 2011-02-11 16:32:19 UTC
From: wa5jxy
Topic: 268 Message: 268

I just uploaded photos of a RF-Controlled AC outlet project I just finished utilizing a Fox Delta repeater controller kit.
I put a description under each photo.

*** Word of caution! ***
DO NOT attempt a project that involves switching AC line voltage unless you are an experienced technician and using a AC line isolation transformer while building and testing it. AC line voltage can KILL you!

It was a fun project and it will save me $$$ traveling to a remote mountaintop repeater site to turn things on/off.

Thanks Dinesh!
GREAT KIT!

Neil - WA5JXY

269. iGate tnc

Yahoo group: foxdelta
Date: 2011-02-12 13:30:24 UTC
From: vk6mrg
Topic: 269 Message: 269

Hi, I'm after some info, can the foxdigi be used as a tnc for an iGate?

270. Re: iGate tnc

Yahoo group: foxdelta
Date: 2011-02-12 14:24:47 UTC
From: Rick
Topic: 269 Message: 270

I tried to use the FoxDelta MiniTNC which is virtually identical to the Foxdigi as a TNC for UI-View. I gave up as it never worked. Wasted countless hours on it :(
73,
Rick VK6XLR

--- In foxdelta@yahoogroups.com, "vk6mrg" <vk6mrg@...> wrote:
>
> Hi, I'm after some info, can the foxdigi be used as a tnc for an iGate?
>

271. ST2 or ST3 with KR 400 and 500

Yahoo group: foxdelta
Date: 2011-02-17 19:55:58 UTC
From: mwbrewco
Topic: 271 Message: 271

Has anyone used ST2 or ST3 with the KR-400 and KR-500 rotors. And if so how did you interface the controler with the rotors. Any help would be great. Thanks Mike

272. Mini-TNC is now a TNC!!

Yahoo group: foxdelta
Date: 2011-03-04 09:12:21 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 272 Message: 272

Hello

Dennis/N5VRP, has modified the code for Mini-TNC. This will now provide:

1. A true TNC like send/receive of packets thru hyper terminal
2. Firmware is at 9600 baud
3. Works in "Converse" mode for true 1200 baud Packet communicator TNC.

Please check new firmware and related document at:

http://www.foxdelta.com/products/minitnc.htm

Firmware and doc are also uploaded on this group.

73s/Dinesh Gajjar

273. New file uploaded to foxdelta

Yahoo group: foxdelta
Date: 2011-03-04 09:15:51 UTC
From: foxdelta@yahoogroups.com
Topic: 273 Message: 273

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the foxdelta
group.

File : /Mini-TNC V 1.09/MiniTNCv109.pdf
Uploaded by : vu2fd <vu2fd@...>
Description : Firmware V1.09 Tech Info

You can access this file at the URL:
http://groups.yahoo.com/group/foxdelta/files/Mini-TNC%20V%201.09/MiniTNCv109.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

vu2fd <vu2fd@...>

274. Re: How to digipeat non-APRS packets with foxdigi?

Yahoo group: foxdelta
Date: 2011-03-16 17:29:38 UTC
From: pa4rm
Topic: 265 Message: 274

I solved this issue. Foxdigi can digipeat any AX.25 packet. In the source of PIC file is an comment of software developer: "This program does packet receive and digipeat of standard AX25 packets at 1200 Baud." So this is not my problem. I am looking right now on receive of the packets. There was an possibility that my RX audio is to low.
I make an AF preamp with MCP6023 (just like in first version of foxdigi) and I place it on the receive line before C18. My foxdigi begins to receive all (not only strong) signals and digipeat the packets which must be digipeated.
Also the configuration of foxdigi is very clear.

--- In foxdelta@yahoogroups.com, "pa4rm" <pa4rm@...> wrote:
>
> Hi,
> I have bought foxdigi and like to use this as an (non-aprs) digipeater. Beacons are send just fine. When receiving I see the rx led is blinking, so there is incoming audio. When I try to send a packets via this digipeater nothing happens. I also can not see anything on my terminal and monitor setting is "ALL" (I expect to see everything received).
> I like to use this for EMCOMM with Winlink2000 and I try to connect from Packlink (client) to RMS (server).
> This is my config:
> cmd: disp
> ECHO ON
> TXDELAY 64
> GPS $GPGGA
> TRace OFF
> MONitor ALL
> DIGIpeater ON
> BEACON On EVERY 10
> UNPROTO RELAY-0
> MYCALL PA4RM-11
> MYALIAS RELAY-0
> BTEXT [JO21GX] Digipeater PA4RM-11 (PHG: 5W 2m 0db Directon: Omni)
> OK
>
> It sent beacon every 10.
> Sample beacon:
> 1:Fm PA4RM-11 To RELAY <UI pid=F0 Len=61 >[11:49:44]
> [JO21GX] Digipeater PA4RM-11 (PHG: 5W 2m 0db Directon: Omni)
> I try to connect Winlink RMS (PA4RM-10) with Paclink client (PA4RM) and this is the sample of what is sent by paclink.
> 1:Fm PA4RM To PA4RM-10 Via PA4RM-11 <SABM P>[12:25:04]
> or

> 1:Fm PA4RM To PA4RM-10 Via RELAY <SABM P>[12:25:55]
> but foxdigi will not digipeat any packet.
> Is it possible for foxdigi to digipeat other (non-aprs) packets or not?
>

275. ARISS

Yahoo group: foxdelta
Date: 2011-03-18 14:56:29 UTC
From: Perrin
Topic: 275 Message: 275

1st contact AX25 on 145.825
F8FFP]ARISS,RS0ISS-4*,qAS,OE6PWE-2:!4654.43N/00621.13E-/FoxView3

With FoxView3

http://i69.servimg.com/u/f69/12/69/62/81/fv3_ar10.jpg

276. Re: [foxdelta] Digest Number 209

Yahoo group: foxdelta
Date: 2011-03-22 21:27:14 UTC
From: Randy Bardwell
Topic: 276 Message: 276

A couple of questions for the group -

1. Any reason why my TNC wont transmit? I have the beacon time
set...what is the function of the H1 PTT jumper?

2. Also - I am getting some garble (see below). I have the audio out
adjusted midway - any other ideas?

thanks

Randy K7RDB

```
disp
ECHO ON
TXDELAY 64
GPS $GPGGA
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 10
UNPROTO 3-0
MYCALL K7RDB-0
MYALIAS WIDE1-1
BTEXT K7RDB-1 VASHON 47.390708 -122.470938 MINI-TNC TEST
OK
cmd: KE7JFF-9>APU25N,N7QXO-9,SOMTN,XTAL,TIGER*,WIDE2::KE7JFF :test{38
N7YPG-7>TW3QTS,BALDI,WIDE1*,WIDE2-1:`2APl#U>/]"4u}
KD7FBT>APW251,KOPEAK,BALDI,WIDE1*:_03222121c026s004g005t049r000p000P000h00b10148
wU2K
?7RA>APRS,BALDI*,WIDE2-1:!!000000AE019B334427ED028603E8----00260184
```

On 3/4/2011 1:43 AM, foxdelta@yahoogroups.com wrote:
> Fox Delta Amateur Radio Projects & Kits
> <http://groups.yahoo.com/group/foxdelta;_ylc=X3oDMTJlY2tzN21tBF9TAzk3MzU5NzE1BGdycElkAzE
2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDaGRyBHNsawNocGgEc3RpbWUDMTI5OTIzMTgxNg-->
>
>
>
> Messages In This Digest (2 Messages)
>
> 1.
> Mini-TNC is now a TNC!! <#1> From: foxdelta-owner@yahoogroups.com
>
> 2.
> New file uploaded to foxdelta <#2> From: foxdelta@yahoogroups.com
>

> View All Topics
> <http://groups.yahoo.com/group/foxdelta/messages;_ylc=X3oDMTJnZDdxbmFmBF9TAzk3MzU5NzE1BG
dycElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZG1zZwRzbGsDYXRwYwRzdGltZQMxMjk5MjMxODE3
?xm=1&m=p&tidx=1>
> | Create New Topic
> <http://groups.yahoo.com/group/foxdelta/post;_ylc=X3oDMTJnazh2NWxlBF9TAzk3MzU5NzE1BGdycE
lkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZG1zZwRzbGsDbnRwYwRzdGltZQMxMjk5MjMxODE3>
>
>
>
> Messages
>
> 1.
>
>
> Mini-TNC is now a TNC!!
> <http://groups.yahoo.com/group/foxdelta/message/272;_ylc=X3oDMTJxN3NuMDg3BF9TAzk3MzU5NzE
1BGdycElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMyNzIEc2VjA2Rtc2cEc2xrA3Ztc2cEc3Rpb
WUDMTI5OTIzMTgxNw-->
>
>
>
> Posted by: "foxdelta-owner@yahoogroups.com"
> foxdelta-owner@yahoogroups.com
> <mailto:foxdelta-owner@yahoogroups.com?Subject=%20Re%3A%20Mini-TNC%20is%20now%20a%20TNC%
21%21>
>
>
>
> Fri Mar 4, 2011 1:12 am (PST)
>
>
>
> Hello
>
> Dennis/N5VRP, has modified the code for Mini-TNC. This will now
> provide:
>
> 1. A true TNC like send/receive of packets thru hyper terminal
> 2. Firmware is at 9600 baud
> 3. Works in "Converse" mode for true 1200 baud Packet communicator
> TNC.
>
> Please check new firmware and related document at:
>
> http://www.foxdelta.com/products/minitnc.htm
> <http://www.foxdelta.com/products/minitnc.htm>
>
> Firmware and doc are also uploaded on this group.
>

> 73s/Dinesh Gajjar
>
> Back to top <#toc>
> Reply to sender
> <mailto:foxdelta-owner@yahoogroups.com?Subject=Re%3A%20Mini-TNC%20is%20now%20a%20TNC%21%21>
> | Reply to group
> <mailto:foxdelta@yahoogroups.com?Subject=%20Re%3A%20Mini-TNC%20is%20now%20a%20TNC%21%21>
> | Reply via web post
> <http://groups.yahoo.com/group/foxdelta/post;_ylc=X3oDMTJxY3E2anA3BF9TAzk3MzU5NzE1BGdycElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMyNzIEc2VjA2Rtc2cEc2xrA3JwbHkEc3RpbWUDMTI5OTIzMTgxNw--?act=reply&messageNum=272>
>
> Messages in this topic
> <http://groups.yahoo.com/group/foxdelta/message/272;_ylc=X3oDMTM0Y3VyYnNoBF9TAzk3MzU5NzE1BGdycElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMyNzIEc2VjA2Rtc2cEc2xrA3Z0cGMEc3RpbWUDMTI5OTIzMTgxNwR0cGNJZAMyNzI->
> (1)
>
> 2.
>
>
> New file uploaded to foxdelta
> <http://groups.yahoo.com/group/foxdelta/message/273;_ylc=X3oDMTJxbWkwZ2R1BF9TAzk3MzU5NzE1BGdycElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMyNzMEc2VjA2Rtc2cEc2xrA3Ztc2cEc3RpbWUDMTI5OTIzMTgxNw-->
>
>
>
> Posted by: "foxdelta@yahoogroups.com"
> foxdelta@yahoogroups.com
> <mailto:foxdelta@yahoogroups.com?Subject=%20Re%3A%20New%20file%20uploaded%20to%20foxdelta%20>
>
>
>
> Fri Mar 4, 2011 1:15 am (PST)
>
>
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the foxdelta
> group.
>
> File : /Mini-TNC V 1.09/MiniTNCv109.pdf
> Uploaded by : vu2fd <vu2fd@... <mailto:vu2fd%40yahoo.com>>
> Description : Firmware V1.09 Tech Info

>
> You can access this file at the URL:
> http://groups.yahoo.com/group/foxdelta/files/Mini-TNC%20V%201.09/MiniTNCv109.pdf
> <http://groups.yahoo.com/group/foxdelta/files/Mini-TNC%20V%201.09/MiniTNCv109.pdf>
>
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> <http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html>
> Regards,
>
> vu2fd <vu2fd@... <mailto:vu2fd%40yahoo.com>>
>
>
> Back to top <#toc>
> Reply to sender
>
<mailto:foxdelta@yahoogroups.com?Subject=Re%3A%20New%20file%20uploaded%20to%20foxdelta%20>
> | Reply to group
> <mailto:foxdelta@yahoogroups.com?Subject=%20Re%3A%20New%20file%20uploaded%20to%20foxdelt
a%20>
> | Reply via web post
> <http://groups.yahoo.com/group/foxdelta/post;_ylc=X3oDMTJxNWNqcHM0BF9TAzk3MzU5NzE1BGdycE
lkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMyNzMEc2VjA2Rtc2cEc2xrA3JwbHkEc3RpbWUDMTI5
OTIzMTgxNw--?act=reply&messageNum=273>
>
> Messages in this topic
> <http://groups.yahoo.com/group/foxdelta/message/273;_ylc=X3oDMTM0dXE5MTQyBF9TAzk3MzU5NzE
1BGdycElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMyNzMEc2VjA2Rtc2cEc2xrA3Z0cGMEc3Rpb
WUDMTI5OTIzMTgxNwR0cGNJZAMyNzM->
> (1)
>
> Recent Activity
>
> *
> 2
> New Members
> <http://groups.yahoo.com/group/foxdelta/members;_ylc=X3oDMTJnN2NvZjB1BF9TAzk3MzU5NzE1BGd
ycElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxMjk5MjMxODE3?
o=6>
> *
> 2
> New Files
> <http://groups.yahoo.com/group/foxdelta/files;_ylc=X3oDMTJoNTUwbnI4BF9TAzk3MzU5NzE1BGdyc
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->
>
> Visit Your Group
> <http://groups.yahoo.com/group/foxdelta;_ylc=X3oDMTJma3Jobm1jBF9TAzk3MzU5NzE1BGdycElkAzE
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>
> Yahoo! Groups
>
> Parenting Zone
> <http://global.ard.yahoo.com/SIG=15l5b3kq7/M=493064.14543946.14365449.8674578/D=groups/S
=1705063108:NC/Y=YAHOO/EXP=1299239017/L=e102fee8-4643-11e0-afc3-d7a902f6bffb/B=PHn5IUoGYqE
-/J=1299231817340247/K=K3q2NOWeUpmF7NpRhZxTUw/A=5898818/R=0/SIG=11kkq36go/*http://advision
.webevents.yahoo.com/parentingzone/>
>
> Family and home
>
> Tips for mom
>
> Moderator Central
>
> An online resource
> <http://global.ard.yahoo.com/SIG=15l928ns7/M=493064.14543956.14365469.8674578/D=groups/S
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ps.yahoo.com/moderatorcentral>
>
> for moderators
>
> of Yahoo! Groups.
>
> Share Photos
>
> Put your favorite
> <http://global.ard.yahoo.com/SIG=15lj9lgov/M=493064.14543952.14365456.8674578/D=groups/S
=1705063108:NC/Y=YAHOO/EXP=1299239017/L=e102fee8-4643-11e0-afc3-d7a902f6bffb/B=O3n5IUoGYqE
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hoo.com/evt=44092/*http://smallbusiness.yahoo.com/webhosting>
>
> photos and
>
> more online.
>
> Need to Reply?
>
> Click one of the "Reply" links to respond to a specific message in the
> Daily Digest.
>
> Create New Topic
> <http://groups.yahoo.com/group/foxdelta/post;_ylc=X3oDMTJmdGx1Z281BF9TAzk3MzU5NzE1BGdycE
lkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEyOTkyMzE4MTc->
> | Visit Your Group on the Web
> <http://groups.yahoo.com/group/foxdelta;_ylc=X3oDMTJkZ2NqOW00BF9TAzk3MzU5NzE1BGdycElkAzE
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>
> Messages

> <http://groups.yahoo.com/group/foxdelta/messages;_ylc=X3oDMTJmNnI2NnFkBF9TAzk3MzU5NzE1BG
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>
> | Files
> <http://groups.yahoo.com/group/foxdelta/files;_ylc=X3oDMTJnNHJidW1uBF9TAzk3MzU5NzE1BGdyc
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cElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNwaG90BHN0aW1lAzEyOTkyMzE4MTc->
> | Links
> <http://groups.yahoo.com/group/foxdelta/links;_ylc=X3oDMTJncmlzMnZuBF9TAzk3MzU5NzE1BGdyc
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> | Database
> <http://groups.yahoo.com/group/foxdelta/database;_ylc=X3oDMTJkMmV0MjhvBF9TAzk3MzU5NzE1BG
dycElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNkYgRzdGltZQMxMjk5MjMxODE3>
> | Polls
> <http://groups.yahoo.com/group/foxdelta/polls;_ylc=X3oDMTJncm9nb2JxBF9TAzk3MzU5NzE1BGdyc
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> | Members
> <http://groups.yahoo.com/group/foxdelta/members;_ylc=X3oDMTJmN2YzbWd1BF9TAzk3MzU5NzE1BGd
ycElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNtYnJzBHN0aW1lAzEyOTkyMzE4MTc->
> | Calendar
> <http://groups.yahoo.com/group/foxdelta/calendar;_ylc=X3oDMTJlNGpmMTFpBF9TAzk3MzU5NzE1BG
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>
>
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> MARKETPLACE
>
> Stay on top of your group activity without leaving the page you're on
> - Get the Yahoo! Toolbar now.
> <http://global.ard.yahoo.com/SIG=15op5eam7/M=493064.14543979.14365478.13298430/D=groups/
S=1705063108:MKP1/Y=YAHOO/EXP=1299239017/L=e102fee8-4643-11e0-afc3-d7a902f6bffb/B=OHn5IUoG
YqE-/J=1299231817340247/K=K3q2NOWeUpmF7NpRhZxTUw/A=6060255/R=0/SIG=1194m4keh/*http://us.to
olbar.yahoo.com/?.cpdl=grpj>
>
> ----------
>
> Find useful articles and helpful tips on living with Fibromyalgia.
> Visit the Fibromyalgia Zone today!
> <http://global.ard.yahoo.com/SIG=15o4bs5le/M=493064.14543977.14365476.10835568/D=groups/
S=1705063108:MKP1/Y=YAHOO/EXP=1299239017/L=e102fee8-4643-11e0-afc3-d7a902f6bffb/B=OXn5IUoG
YqE-/J=1299231817340247/K=K3q2NOWeUpmF7NpRhZxTUw/A=6260316/R=0/SIG=11bc8n8gt/*http://custo
m.yahoo.com/fibromyalgiazone/>
>
> Yahoo! Groups
> <http://groups.yahoo.com/;_ylc=X3oDMTJlc2kxNTRzBF9TAzk3MzU5NzE1BGdycElkAzE2Nzk3MjAwBGdyc
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>
> Change settings via the Web

> <http://groups.yahoo.com/group/foxdelta/join;_ylc=X3oDMTJnM3RzdW5hBF9TAzk3MzU5NzE1BGdycE
lkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNzdG5ncwRzdGltZQMxMjk5MjMxODE3>
> (Yahoo! ID required)
> Change settings via email: Switch delivery to Individual
> <mailto:foxdelta-normal@yahoogroups.com?subject=Email%20Delivery:%20Indiviual%20Email>
> | Switch format to Traditional
> <mailto:foxdelta-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%20Tradi
tional>
>
> Visit Your Group
> <http://groups.yahoo.com/group/foxdelta;_ylc=X3oDMTJlcDM0cDVuBF9TAzk3MzU5NzE1BGdycElkAzE
2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNocGYEc3RpbWUDMTI5OTIzMTgxNw-->
> | Yahoo! Groups Terms of Use <http://docs.yahoo.com/info/terms/> |
> Unsubscribe
> <mailto:foxdelta-unsubscribe@yahoogroups.com?subject=Unsubscribe>

277. Multi-Purpose Sensor System Controller

Yahoo group: foxdelta
Date: 2011-03-25 05:04:08 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 277 Message: 277

Hello

Project: Multi-Purpose Sensor System Controller called MPSSC is complete and uploaded.

Project uses PIC18F4520 and FTDI232. Provides 6 channel sensor measurement and external relay control.

PIC firmware and PC WIN Software is designed, developed and offered to amateur radio community by Tony/I2TZK, free of charge.

Kindly visit project page at:

http://www.foxdelta.com/projects/mpssc.htm

Complete and partial kits will be available soon.

73s/Dinesh Gajjar

278. Multi-Purpose Sensor System Controller - URL Correction

Yahoo group: foxdelta
Date: 2011-03-25 05:08:28 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 278 Message: 278

Hello

Project: Multi-Purpose Sensor System Controller called MPSSC is complete and uploaded.

Project uses PIC18F4520 and FTDI232. Provides 6 channel sensor measurement and external relay control.

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Kindly visit project page at:

http://www.foxdelta.com/products/mpssc.htm

Complete and partial kits will be available soon.

73s/Dinesh Gajjar

279. Daul Channel LCD Meter Software/Firmware Update

Yahoo group: foxdelta
Date: 2011-04-05 11:49:14 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 279 Message: 279

Hello

A better looking PC Software with more functions and matching PIC877A firmware release V2.10 developed by Tony/I2TZK, is ready for download.

To update your firmware v1.01 in PIC877A to new v2.01, please refer to update guide. Both, update and full hex files are available for download.

Please visit : http://www.foxdelta.com/products/swm2.htm

73s/Dinesh

280. Question on FC-2A

Yahoo group: foxdelta
Date: 2011-04-23 23:07:08 UTC
From: jrybak
Topic: 280 Message: 280

I just obtained an FC-2A frequency counter (40 MHz version). I bought the wired model.

My problem is that the frequency counter only counts if the input is a square wave. I can't get it to count if the input is a sinewave. Can anyone explain what I am doing wrong? I did not change any of the switches or anything from how it was set up when I received it.

Thanks.

Jim Rybak

281. Re: Daul Channel LCD Meter Software/Firmware Update

Yahoo group: foxdelta
Date: 2011-05-15 16:48:31 UTC
From: chapronfr
Topic: 279 Message: 281

hello

Nice upgrade !

just one question . Where is the "update guide" so I can upgrade my SWRmeter?

TIA Jean-Michel F6EAO

--- In foxdelta@yahoogroups.com, foxdelta-owner@yahoogroups.com wrote:
>
> Hello
>
> A better looking PC Software with more functions and matching PIC877A firmware release V2.10 developed by Tony/I2TZK, is ready for download.
>
> To update your firmware v1.01 in PIC877A to new v2.01, please refer to update guide.
> Both, update and full hex files are available for download.
>
> Please visit : http://www.foxdelta.com/products/swm2.htm
>
> 73s/Dinesh
>

282. FoxView3

Yahoo group: foxdelta
Date: 2011-05-31 13:21:30 UTC
From: Yuli Kaplan
Topic: 249 Message: 282

Hi folks,

1. if someone have experience to wire FoxView3 to Maxtrac 16pin connector? I receive packets but can not transmit. PTT open and nothing hear on other station. Other modem, OT2M, working well with same radio and cable.
2. if someone can explain me how to set, step by step, My Pos in FoxView3?

--

Best Regards,
73!! de Yuli 4X6HP
web: http://www.4x6hp.net
mob: +972545696228

283. FoxView3 Configuration - Peek_SVW & >POS

Yahoo group: foxdelta
Date: 2011-06-11 13:18:08 UTC
From: Gavin
Topic: 283 Message: 283

Hi all and thanks for reading this...

I'm having problems configuring my FoxView3 1010 to recognise my OwnPkt as the one for >POS<.

I've configured the WB8WGA v2.20 side of the FoxView3 as follows:
MYCALL: M1BXF-8
UNPROTO: GPSC30 v WIDE1-1 v WIDE2-2
BE: 1
GPS: $GPRMC

My beacons are being heard locally as can be seen on APRS.fi: http://aprs.fi/?c=raw&call=M1BXF-8 and are showing on the LCD as they should. My FoxView3 it is also decoding local APRS packets to the LCD so the decoder and encoder is working but I never get anything other than 0's for my >POS< on the Peek_SVW screen so it can't work out distance and bearing to stations heard. What am I doing wrong?

I've configured Peek_SVW v4.0 as follows:
SrcCal: M1BXF-08 (I've also tried it as M1BXF -08, the space before and after the callsign).
Msg: BLN? TIDE
Rng/Al: 255km

DX: ON
RA2: OFF
Beep: OFF
SrcCal: ON
DstCal: OFF
Msg: ON
Object: OFF
MicE: OFF
Displ: OFF
>POS<: ON
Rng/Al: OFF
FixAlm: OFF
Timer: 01

A friend of mine also bought a FoxView3 at the same time as me and is having the same issue, unfortunately the documentation is
poor for this kit so I need help...

Gavin, M1BXF
www.geekshed.co.uk

284. Handbook radio F6BCU download free 2011

Yahoo group: foxdelta
Date: 2011-06-26 18:19:07 UTC
From: F6BCU
Topic: 284 Message: 284

The Big 'French Handbook' - free to download
New 2011 edition - available since June 25 2011.

Now, it is possible to download free the 'French Handbook' accomplished by F6BCU.

Numerous technical articles are at your disposal, ideal for home-brew.

You can download compact disk free on the site of Onlineradio (exclusive).

http://communaute.onlineradio.fr/files/file/
162-handbook-de-la-ligne-bleue/ - for download (540 Mo)

Jean-Nicolas
http://www.onlineradio.fr

285. ST1,ST2 or ST3 for ISS tracking

Yahoo group: foxdelta
Date: 2011-06-30 02:45:47 UTC
From: kf7dur
Topic: 285 Message: 285

Hello group

I am gathering equipment for a future ARISS contact.
I have a Yaesu G-5500 rotor and would like to interface this to my computer running HRD.
I'm sure the info is on the Fox Delta web site but I'm having trouble telling the difference between the models. I'd like a USB connection to my computer, it looks like the ST1 has that. The ST2 looks to be RS232 only, is this correct? Can't tell if the ST3 does USB or not.I'd like an external display so the ST3 would be my first choice.
Any help would be appreciated.

Thanks
Ken
KF7DUR

286. Re: [foxdelta] ST1,ST2 or ST3 for ISS tracking

Yahoo group: foxdelta
Date: 2011-06-30 12:59:19 UTC
From: Paul Handlon
Topic: 285 Message: 286

Hello Ken and Group,

I have a Yaesu G-5400B interfaced to a Fox Delta ST-2 and working with HRD and PCSAT32. I do like the LCD display features. To answer your question, I believe the ST-3 and ST-2 are simular, by comparing their schematics, having RS232 port only (No USB port like the ST-1). At this point, I would recommend using an external USB to RS232 adapter with your proposed application, however I have not done this and can not suggest a vendor/model that works. The appropriate vendor provided software/firmware drivers will be required to make this adapter work.

Good luck with your project.

73

Paul
N4BYQ

From: kf7dur <kf7dur@...>
To: foxdelta@yahoogroups.com
Sent: Wed, June 29, 2011 10:45:47 PM
Subject: [foxdelta] ST1,ST2 or ST3 for ISS tracking

Hello group

I am gathering equipment for a future ARISS contact.
I have a Yaesu G-5500 rotor and would like to interface this to my computer running HRD.
I'm sure the info is on the Fox Delta web site but I'm having trouble telling the difference between the models. I'd like a USB connection to my computer, it looks like the ST1 has that. The ST2 looks to be RS232 only, is this correct? Can't tell if the ST3 does USB or not.I'd like an external display so the ST3 would be my first choice.
Any help would be appreciated.

Thanks
Ken
KF7DUR

287. Re: Re: [foxdelta] ST1,ST2 or ST3 for ISS tracking

Yahoo group: foxdelta
Date: 2011-06-30 14:45:42 UTC
From: kq6ea@verizon.net
Topic: 285 Message: 287

I'm using an ST-2 with the serial port connected to my laptop via a Keyspan USB-to-Serial converter. I have the 4-port model, and also use it to control my Yaesu FT-847 and a GPS clock.
It works perfectly.
I highly recommend Keyspan adapters. They always work, and you don't wind up buying 3 or 4 "No Name" converters to get one that works.
73, Jim ?KQ6EA?
?
?
On 06/30/11, Paul Handlon wrote:
?

Hello Ken and Group,

I have a Yaesu G-5400B interfaced to a Fox Delta ST-2 and working with HRD and? PCSAT32.? I do like the LCD display features.? To answer your question, I believe the ST-3 and ST-2 are simular, by comparing their schematics, having RS232 port only (No USB port like the ST-1).? At this point, I would recommend using an external USB to RS232 adapter with your proposed application, however I have not done this and can not suggest a vendor/model that works.? The appropriate vendor provided software/firmware drivers will be required to make this adapter work.

Good luck with your project.

73
?Paul
N4BYQ

From: kf7dur <kf7dur@...>
To: foxdelta@yahoogroups.com
Sent: Wed, June 29, 2011 10:45:47 PM
Subject: [foxdelta] ST1,ST2 or ST3 for ISS tracking

?

Hello group

I am gathering equipment for a future ARISS contact.
I have a Yaesu G-5500 rotor and would like to interface this to my computer running HRD.
I'm sure the info is on the Fox Delta web site but I'm having trouble telling the difference between the models. I'd like a USB connection to my computer, it looks like the ST1 has that. The ST2 looks to be RS232 only, is this correct? Can't tell if the ST3 does USB or not.I'd like an external display so the ST3 would be my first choice.
Any help would be appreciated.

Thanks
Ken

KF7DUR

288. USB LCD SWR METER

Yahoo group: foxdelta
Date: 2011-07-08 03:51:59 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 288 Message: 288

Hello

After success with SWM2 LCD SWR Meter Project, requirement of an USB based SWR meter Project was felt and I am happy to announce that, we have successfully completed USB LCD Dual Channel SWR Meter project using PIC18F4550. It has an USB interface and is USB Powered, with option to use as a stand alone.

For more details om above project please visit:

http://foxdelta.com/products/swm3.htm

Kits may be purchased from: http://foxdelta.com/shopping/swr.htm

73s/Dinesh Gajjar

289. About PM3A kit

Yahoo group: foxdelta
Date: 2011-09-02 12:56:19 UTC
From: zaggneo
Topic: 289 Message: 289

Hello all,

Please can you say me if the PM3A kit (USD 68) need another kit for work ? I see you selling AD8307 DIP & SMT Sensor kit but it already include on the PM3A kit not ?
Thanks in advance!

Davy

290. Re: About PM3A kit

Yahoo group: foxdelta
Date: 2011-09-02 13:12:20 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 289 Message: 290

Hello

PM3A kits do not include AD8307.
We do not stock or sell AD8307 in DIP or SMT

With Pm3A kits you get a DIP sensor kit (without AD8307)
We do sell SMT Sensor PCB only (not full kit) for those who only have AD8307 in SMT.

In short, if you buy PM3A KIT, it includes main cpu and a DIP sensor KIT but not AD8307

Regards/Dinesh

--- In foxdelta@yahoogroups.com, "zaggneo" <zagg@...> wrote:
>
> Hello all,
>
> Please can you say me if the PM3A kit (USD 68) need another kit for work ? I see you selling AD8307 DIP & SMT Sensor kit but it already include on the PM3A kit not ?
> Thanks in advance!
>
> Davy
>

291. ST2 kenpro KR-500

Yahoo group: foxdelta
Date: 2011-09-02 15:56:02 UTC
From: laurent xo1
Topic: 291 Message: 291
Attachments: 1 described; binary payloads are missing from this source WARC

hello,
some time ago I bought you a ST2 interface it works very well with the Yaesu rotor G-1000SDX today I bought a rotor for raising KENPRO KR-500 and I wonder how to connect the rotor on interface ST2, ST2 interface is compatible with the rotor KR-500, I give you the schematic of the rotor KR -500 can you tell me about your connection interface ST2

thank you very much
Laurent

292. ST-2 kit construction notes

Yahoo group: foxdelta
Date: 2011-09-03 00:12:11 UTC
From: Mike
Topic: 292 Message: 292

For info of future buyers:
Placed my paypal order on 8/15.
I received confirmations etc in a timely manner.
USPS website showed the package was at the Post office in Mumbai India
on the 20th. It then said "origin post is preparing shipment".
It never changed. On 8/31 I saw that the package was here and the mailman left a "notice" of the package at my house. He never did.
Luckily I checked on line everyday and went to the post office on 9/1 with printouts of everything and they had my package with the next delivery attempt set for the 9/5.
On 9/1 I inventoried the kit and found (2) 8 pin headers for the main board and 4 switch keyboard missing. So I either hard wire the 8 wires or improvise. I dug in the junk box and scrounged headers from defunct motherboards and fabricated 2 new male strips for the boards so I could use the prepared cable. I am sure replacement parts would be sent but who wants to wait 15 days for $.25 worth of parts.
Construction is easy but there are no instructions. Watch what you are doing and I double checked values of parts. There is good silkscreening on the board but watch the pin numbers on the plugs and sockets for proper mating. Also the 8 pin rotor connector block is in (4) 2 pin connectors. These connectors slip together and lock so put them together before putting on the board.
I didn't think the LCD was working but finally adjusted the "pre-set" pot on the board and got the contrast set up.
All said it was relatively easy and the only reason I did not pay the very reasonable $10 more for an assembled kit was that I enjoy building these little projects. If I did it again, considering the time element and the headaches involved if a critical non locally available part is missing I definitely would pay the 10 bucks and order it built.
Posting pics of the the completed unit on photos. Bottom line is I had it running within 24 hours of picking it up at the post office.
Also I like it better than my EA4TX controller because of the display and up/dn R/L buttons, it comes with a cabinet and will run off the power supply built in the G5500.
Mike WA8EBM

293. Re: ST-2 kit construction notes

Yahoo group: foxdelta
Date: 2011-09-03 02:43:51 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 292 Message: 293

Hello Mike

I regret for missing parts but you never drop me mail for it, I would have sent them immediately. Your order came when I was in bad health (it lasted a full month) and I may have missed component check up before dispatch.

73s/Dinesh

--- In foxdelta@yahoogroups.com, "Mike" <mpenkas@...> wrote:
>
> For info of future buyers:
> Placed my paypal order on 8/15.
> I received confirmations etc in a timely manner.
> USPS website showed the package was at the Post office in Mumbai India
> on the 20th. It then said "origin post is preparing shipment".
> It never changed. On 8/31 I saw that the package was here and the mailman left a "notice" of the package at my house. He never did.
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> On 9/1 I inventoried the kit and found (2) 8 pin headers for the main board and 4 switch keyboard missing. So I either hard wire the 8 wires or improvise. I dug in the junk box and scrounged headers from defunct motherboards and fabricated 2 new male strips for the boards so I could use the prepared cable. I am sure replacement parts would be sent but who wants to wait 15 days for $.25 worth of parts.
> Construction is easy but there are no instructions. Watch what you are doing and I double checked values of parts. There is good silkscreening on the board but watch the pin numbers on the plugs and sockets for proper mating. Also the 8 pin rotor connector block is in (4) 2 pin connectors. These connectors slip together and lock so put them together before putting on the board.
> I didn't think the LCD was working but finally adjusted the "pre-set" pot on the board and got the contrast set up.
> All said it was relatively easy and the only reason I did not pay the very reasonable $10 more for an assembled kit was that I enjoy building these little projects. If I did it again, considering the time element and the headaches involved if a critical non locally available part is missing I definitely would pay the 10 bucks and order it built.
> Posting pics of the the completed unit on photos. Bottom line is I had it running within 24 hours of picking it up at the post office.
> Also I like it better than my EA4TX controller because of the display and up/dn R/L buttons, it comes with a cabinet and will run off the power supply built in the G5500.
> Mike WA8EBM
>

294. SWM3 USB SWR meter

Yahoo group: foxdelta
Date: 2011-09-17 15:52:31 UTC
From: ve3nvk
Topic: 294 Message: 294

I have just built my USB SWR meter, and when plugged in to a 5v supply it all seems to work, can change menus, backlight level, switch to stand-alone mode etc. It is not of course left in stand-alone mode either with the switch inside, or by the push buttons.

It shows up as software version v02.05 .

However, when I plug the USB cable into the computer (I have tried three different computers, all with the same results, 2 are Windows 7 64 bit, and one is a Windows XP (32bit), all I get is an error message from Windows about "USB device not recognized".

Where do I get the driver?

N.B. I have looked on the Microchip web site and can't find anything there that works.

Thanks es 73

Andy VE3NVK.

note: the kit arrived very quickly after my ordering - great service.

295. Re: SWM3 USB SWR meter

Yahoo group: foxdelta
Date: 2011-09-17 16:16:44 UTC
From: fox
Topic: 294 Message: 295

Hello Andy

I shipped your kit with latest firmware v2.05.

You require new software V2.04 to access it. You may be using older version software which required microchip drivers.
You can down load V2.05/V2.04 from swm3 web page

No drivers are required. It uses HID

73s/Dinesh

--- In foxdelta@yahoogroups.com, "ve3nvk" <andylhart@...> wrote:
>
> I have just built my USB SWR meter, and when plugged in to a 5v supply it all seems to work, can change menus, backlight level, switch to stand-alone mode etc. It is not of course left in stand-alone mode either with the switch inside, or by the push buttons.
>
> It shows up as software version v02.05 .
>
> However, when I plug the USB cable into the computer (I have tried three different computers, all with the same results, 2 are Windows 7 64 bit, and one is a Windows XP (32bit), all I get is an error message from Windows about "USB device not recognized".
>
> Where do I get the driver?
>
> N.B. I have looked on the Microchip web site and can't find anything there that works.
>
> Thanks es 73
>
> Andy VE3NVK.
>
> note: the kit arrived very quickly after my ordering - great service.
>

296. R: [foxdelta] SWM3 USB SWR meter

Yahoo group: foxdelta
Date: 2011-09-18 05:35:02 UTC
From: i2tzk@fastwebnet.it
Topic: 296 Message: 296

Hi Handy
the windows msg "USB device not recognized" could be displyaed when you plugin the usb cable and the stand alone switch (back of the LCD board) is ON. Powering the unit you should read on the second LCD's row : "STD ALONE".
Move the switch OFF (on my unit this is the UP position) and restart the unit.
The right sequence must be "USB INIT" then "ON LINE" and the last used swr mode.
No drivers are needed, the SWR must be recognizes as Human Interface Device HID.Let me know if this can help.
73's Tony

----Messaggio originale----

Da: andylhart@...

Data: 17/09/2011 17.52

A: <foxdelta@yahoogroups.com>

Ogg: [foxdelta] SWM3 USB SWR meter

----Messaggio originale----

Da: andylhart@...

Data: 17/09/2011 17.52

A: <foxdelta@yahoogroups.com>

Ogg: [foxdelta] SWM3 USB SWR meter

I have just built my USB SWR meter, and when plugged in to a 5v supply it all seems to work, can change menus, backlight level, switch to stand-alone mode etc. It is not of course left in stand-alone mode either with the switch inside, or by the push buttons.

It shows up as software version v02.05 .

However, when I plug the USB cable into the computer (I have tried three different computers, all with the same results, 2 are Windows 7 64 bit, and one is a Windows XP (32bit), all I get is an error message from Windows about "USB device not recognized".

Where do I get the driver?

N.B. I have looked on the Microchip web site and can't find anything there that works.

Thanks es 73

Andy VE3NVK.

note: the kit arrived very quickly after my ordering - great service.

```
-->
```

297. AMBalun

Yahoo group: foxdelta
Date: 2011-09-27 20:26:57 UTC
From: rwit502
Topic: 297 Message: 297

Anyone know where to get the toroid winding instructions for the AMBalun
such as lenthe of wire to cut for each winding of the toroids. the parts list says "see T1 & T2 Winding instructions" but i can't find any.
Any info would be helpful.
Tnx

Rick W4BDI

298. ST-2 Voltage question

Yahoo group: foxdelta
Date: 2011-10-06 17:07:10 UTC
From: Rob M0TFO
Topic: 298 Message: 298

Good evening all

Just a quick question regarding the FD-ST2 and the G-5500, what should the voltage be on pin 1 and 6 ? I'm guessing 4.5v or 5.0v ?
I see the ST1 is 5.0v and the ST2 says 4.5v just want to double check

Thanks
Rob

299. Re: [foxdelta] ST-2 Voltage question

Yahoo group: foxdelta
Date: 2011-10-07 02:21:52 UTC
From: Jim Jerzycke
Topic: 298 Message: 299

Pins 1 and 6 of which connector/IC/socket/etc??

The voltage FROM the rotor control box TO the DIN socket is about 12
Volts, as it's taken from before the 6 Volt regulator.

The voltage supplied to the "top" of the AZ/EL feedback pots is 6 Volts.

Jim KQ6EA

On 10/06/2011 05:07 PM, Rob M0TFO wrote:
>
> Good evening all
>
> Just a quick question regarding the FD-ST2 and the G-5500, what should
> the voltage be on pin 1 and 6 ? I'm guessing 4.5v or 5.0v ?
> I see the ST1 is 5.0v and the ST2 says 4.5v just want to double check
>
> Thanks
> Rob
>
>

300. Free download radioamateur Handbook 2012 by F6BCU

Yahoo group: foxdelta
Date: 2011-10-15 16:35:49 UTC
From: F6BCU
Topic: 300 Message: 300

god day to all

free download the radio amateur handbook by F6BCU 580 MO

2100 pages 225 articles schématic, QRP, antenna, color photo

10GHz to 160m

http://communaute.onlineradio.fr/files/file/162-handbook-de-la-ligne-bleue/

73

F6BCU

301. Newbie

Yahoo group: foxdelta
Date: 2011-10-24 19:21:12 UTC
From: jtegerdine
Topic: 301 Message: 301

Hi.
My name is Jim, and I am an amateur astronomer(since 1995) in Marysville, WA, USA.
In the past 2 years, I have become interested in radio astronomy and have been monitoring the Sun and Jupiter on 21 mhz with a shortwave receiver and dipole antenna...with pretty good results. I am using Radio SkyPipe for charting and Radio Jupiter Pro for predictions.
I just received my new FoxDelta 20.1 mhz receiver. I am quite illiterate at electronic schematics, so much of the information included with the receiver is foreign.
Could someone please explain for me the functions of the Frequency Counter, 20 mhz ON/OFF switch, and how to connect the A/D to my computer? (I wish it had come with simple instructions.)

Thanks so much for your help.

Jim Tegerdine

302. Re: Newbie

Yahoo group: foxdelta
Date: 2011-10-25 02:00:28 UTC
From: foxdelta
Topic: 301 Message: 302

Hello Jim

1. Frequency counter on Galileo is just to read receive frequency. We pt it off most of the time as it has some noise that may interfere to receive frequency.

2. To connect to PC, you need to install MX187 which is not supplied with receiver. If that is done, all you need to adjust is a preset which controls the audio level to A/D converter.

3. Galileo has a 25 pin DIN connector and its configured suitably to interface with radio sky program. You need a printer cable to connect to your PC. Run Radio Skypipe and select A/D converter.

It should work well.

Regards/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "jtegerdine" <jtegerdine@...> wrote:
>
> Hi.
> My name is Jim, and I am an amateur astronomer(since 1995) in Marysville, WA, USA.
> In the past 2 years, I have become interested in radio astronomy and have been monitoring the Sun and Jupiter on 21 mhz with a shortwave receiver and dipole antenna...with pretty good results. I am using Radio SkyPipe for charting and Radio Jupiter Pro for predictions.
> I just received my new FoxDelta 20.1 mhz receiver. I am quite illiterate at electronic schematics, so much of the information included with the receiver is foreign.
> Could someone please explain for me the functions of the Frequency Counter, 20 mhz ON/OFF switch, and how to connect the A/D to my computer? (I wish it had come with simple instructions.)
>
> Thanks so much for your help.
>
> Jim Tegerdine
>

303. Solucion para MiniTNC o FoxDigi !

Yahoo group: foxdelta
Date: 2011-10-25 21:21:50 UTC
From: miguel_xe1hax
Topic: 303 Message: 303

Aqui esta la solucion para que el FoxDigi trabaje como DigiPeater.
Retransmite todo lo que esta en el aire en APRS.
Probado y funcionando en Guadalajara Jalisco Mexico como XE1HAX-1.

73´s de Miguel Ayala XE1HAX.

304. Re: New file uploaded to foxdelta

Yahoo group: foxdelta
Date: 2011-10-26 14:16:50 UTC
From: Tim
Topic: 273 Message: 304

--- In foxdelta@yahoogroups.com, foxdelta@yahoogroups.com wrote:
> File : /Mini-TNC V 1.09/MiniTNCv109.pdf
> Uploaded by : vu2fd <vu2fd@...>
> Description : Firmware V1.09 Tech Info
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/foxdelta/files/Mini-TNC%20V%201.09/MiniTNCv109.pdf

Gracias Miguel por tu esfuerzo.

No entiendo espaÃ±ol. Â¿Alguien tiene una traducciÃ³n al InglÃ©s de este documento?

All joking aside. Does anyone have the English translation or a means to do the whole document?

73
Tim KD5CKP

305. SWM2/SWM3 Firmware Update V2.07 - Networking and more

Yahoo group: foxdelta
Date: 2011-11-01 15:42:59 UTC
From: foxdelta
Topic: 305 Message: 305

Hello

Tony/I2TZK has released a new version of Firmware for SWM3 PIC18F4550 and related Win7 Program.

Users are requested to test this program by updating it. Please follow tony's update doc for more details.

New PC Program and Firmware has following:

1. Low power setup to 10W
2. LAN capability
3. a client program for remote LAN monitoring of SWM3 parameters.
4. few more changes.

You may download PC software V2.07 and PIC firmware 2.07 from:

http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=21:2ch-swr-meter

Test report and feedback is welcome.

73s/Dinesh Gajjar

306. Re: [foxdelta] SWM2/SWM3 Firmware Update V2.07 - Networking and more

Yahoo group: foxdelta
Date: 2011-11-03 02:02:32 UTC
From: Dennis Rogers
Topic: 305 Message: 306

Hope Tony/I2TZK is listening. I just upgraded my SWM3 to v2.07, except I had to use the PICprogrammer to initially install v2.07 Full. My last version did NOT
have the bootloader in the 18F4550 chip. Then, I loaded the v2.07 upgrade with
the HIDbootloader programmer. This went without a problem. The SWM3 v2.07 seems to be working just fine with this version so far. I do have it connected to
my TS-2000x always inline.

Dennis, N5VRP
Thanks for such an affordable, really nice package for both HF/VHF/UHF. I have
tried the SWM-2 and SWM-3 with bridges on UHF up to 448 mhz and seems to work and readout fine there. VHF-100w, and UHF-50w.

==========

On Tue, Nov 1, 2011 at 10:42 AM, foxdelta <vu2fd@...> wrote:

> **
>
>
> Hello
>
> Tony/I2TZK has released a new version of Firmware for SWM3 PIC18F4550 and
> related Win7 Program.
>
> Users are requested to test this program by updating it. Please follow
> tony's update doc for more details.
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>
> You may download PC software V2.07 and PIC firmware 2.07 from:
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>
> http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=21:2ch-swr-meter
>
> Test report and feedback is welcome.

>
> 73s/Dinesh Gajjar
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

307. ST3 and G-5500 Users...

Yahoo group: foxdelta
Date: 2011-11-03 03:09:27 UTC
From: Jayson
Topic: 307 Message: 307

Hi All,

I've recently been given two ST3 modules and both are having the same problem although I'm 100% sure it's no fault of the ST3, but with the G-5500.

The problem is that the last digits of the antenna az and el display (bottom line) are constantly flickering up and down numbers and are never stable when plugged into the G-5500, although both ST3 modules are 100% stable when I plug them into the diag board (small test board that comes with the ST3).

For this reason I'm sure it's due to the supply voltage or the az/el voltage outputs from the G-5500 are not stable enough. The strange thing is that when I test the voltages out of the G-5500 with a multimeter the voltages are stable to .01v.

I have also used different cables between the ST3 and G-5500 so it's not a problem with the cable either.

Has anyone had this problem and how did they fix it? Is there any way to stabilise the voltages coming out of the G-5500?

Thanks

J

308. Re: [foxdelta] SWM2/SWM3 Firmware Update V2.07 - Networking and more

Yahoo group: foxdelta
Date: 2011-11-03 02:43:59 UTC
From: Dennis Rogers
Topic: 305 Message: 308

Woops, I missed one problem, NO backlighting adjustment and no backlighting at all in v2.07 upgrades.

Dennis, N5VRP

On Wed, Nov 2, 2011 at 9:02 PM, Dennis Rogers <n5vrp.satx@...> wrote:

> Hope Tony/I2TZK is listening. I just upgraded my SWM3 to v2.07, except I
> had
> to use the PICprogrammer to initially install v2.07 Full. My last version
> did NOT
> have the bootloader in the 18F4550 chip. Then, I loaded the v2.07 upgrade
> with
> the HIDbootloader programmer. This went without a problem. The SWM3 v2.07
> seems to be working just fine with this version so far. I do have it
> connected to
> my TS-2000x always inline.
>
> Dennis, N5VRP
> Thanks for such an affordable, really nice package for both HF/VHF/UHF. I
> have
> tried the SWM-2 and SWM-3 with bridges on UHF up to 448 mhz and seems to
> work and readout fine there. VHF-100w, and UHF-50w.
>
> ==========
>
>
> On Tue, Nov 1, 2011 at 10:42 AM, foxdelta <vu2fd@...> wrote:
>
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>>
>>
>> Hello
>>
>> Tony/I2TZK has released a new version of Firmware for SWM3 PIC18F4550 and
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>> Users are requested to test this program by updating it. Please follow
>> tony's update doc for more details.
>>
>> New PC Program and Firmware has following:
>>
>> 1. Low power setup to 10W
>> 2. LAN capability

>> 3. a client program for remote LAN monitoring of SWM3 parameters.
>> 4. few more changes.
>>
>> You may download PC software V2.07 and PIC firmware 2.07 from:
>>
>>
>> http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=21:2ch-swr-meter
>>
>> Test report and feedback is welcome.
>>
>> 73s/Dinesh Gajjar
>>
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>
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> --
>
> Dennis, N5VRP
> n5vrp.satx@...
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

309. Re: SWM2/SWM3 Firmware Update V2.07 - Networking and more

Yahoo group: foxdelta
Date: 2011-11-03 05:03:03 UTC
From: foxdelta
Topic: 305 Message: 309

Hello Dennis

Yes that is correct, Backlight control from software is not available in 2.07. However, its always there at CPU front panel buttons.
May be tony will add it in future release if he has enough space in 4550 to do so.

Have you tested "client" software on other PC (on your LAN) to read SWM3 readings?

73s/Dinesh

--- In foxdelta@yahoogroups.com, Dennis Rogers <n5vrp.satx@...> wrote:
>
> Woops, I missed one problem, NO backlighting adjustment and no backlighting
> at all in v2.07 upgrades.
>
> Dennis, N5VRP
>
> On Wed, Nov 2, 2011 at 9:02 PM, Dennis Rogers <n5vrp.satx@...> wrote:
>
> > Hope Tony/I2TZK is listening. I just upgraded my SWM3 to v2.07, except I
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> > to use the PICprogrammer to initially install v2.07 Full. My last version
> > did NOT
> > have the bootloader in the 18F4550 chip. Then, I loaded the v2.07 upgrade
> > with
> > the HIDbootloader programmer. This went without a problem. The SWM3 v2.07
> > seems to be working just fine with this version so far. I do have it
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> > my TS-2000x always inline.
> >
> > Dennis, N5VRP
> > Thanks for such an affordable, really nice package for both HF/VHF/UHF. I
> > have
> > tried the SWM-2 and SWM-3 with bridges on UHF up to 448 mhz and seems to
> > work and readout fine there. VHF-100w, and UHF-50w.
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> > ==========
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> >> http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=21:2c
h-swr-meter
> >>
> >> Test report and feedback is welcome.
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> >> 73s/Dinesh Gajjar
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> > Dennis, N5VRP
> > n5vrp.satx@...
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> Dennis, N5VRP
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>

310. Re: SWM2/SWM3 Firmware Update V2.07 - Networking and more

Yahoo group: foxdelta
Date: 2011-11-03 13:36:58 UTC
From: foxdelta
Topic: 305 Message: 310

Hello Dennis

In fact, its our mistake while looking at software main menu!!
We limit our action/attention on only "parameters" menu.
LCD backlight control is under command (CMD) menu and it works.

73s/Dinesh

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
> Hello Dennis
>
> Yes that is correct, Backlight control from software is not available in 2.07. However, its always there at CPU front panel buttons.
> May be tony will add it in future release if he has enough space in 4550 to do so.
>
> Have you tested "client" software on other PC (on your LAN) to read SWM3 readings?
>
> 73s/Dinesh
>
>
> --- In foxdelta@yahoogroups.com, Dennis Rogers <n5vrp.satx@> wrote:
> >
> > Woops, I missed one problem, NO backlighting adjustment and no backlighting
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> > On Wed, Nov 2, 2011 at 9:02 PM, Dennis Rogers <n5vrp.satx@> wrote:
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> > > Hope Tony/I2TZK is listening. I just upgraded my SWM3 to v2.07, except I
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> > > did NOT
> > > have the bootloader in the 18F4550 chip. Then, I loaded the v2.07 upgrade
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> > > the HIDbootloader programmer. This went without a problem. The SWM3 v2.07
> > > seems to be working just fine with this version so far. I do have it
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> > > my TS-2000x always inline.
> > >
> > > Dennis, N5VRP
> > > Thanks for such an affordable, really nice package for both HF/VHF/UHF. I
> > > have

> > > tried the SWM-2 and SWM-3 with bridges on UHF up to 448 mhz and seems to
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> > >> You may download PC software V2.07 and PIC firmware 2.07 from:
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> > >>
> > >> http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=21:
2ch-swr-meter
> > >>
> > >> Test report and feedback is welcome.
> > >>
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> > > Dennis, N5VRP
> > > n5vrp.satx@
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> > Dennis, N5VRP
> > n5vrp.satx@
> >
>

311. Re: ST3 and G-5500 Users...

Yahoo group: foxdelta
Date: 2011-11-04 03:53:24 UTC
From: kf7dur
Topic: 307 Message: 311

My ST3 flickers also but only on the EL not the AZ.
Never really worried about it. I'd check for AC on the lines from the G-5500 could be a bad filter capacitor. You could also try jumping a small electrolytic cap across each line and see if the problem goes away...

--- In foxdelta@yahoogroups.com, "Jayson" <jay77@...> wrote:
>
> Hi All,
>
> I've recently been given two ST3 modules and both are having the same problem although I'm 100% sure it's no fault of the ST3, but with the G-5500.
>
> The problem is that the last digits of the antenna az and el display (bottom line) are constantly flickering up and down numbers and are never stable when plugged into the G-5500, although both ST3 modules are 100% stable when I plug them into the diag board (small test board that comes with the ST3).
>
> For this reason I'm sure it's due to the supply voltage or the az/el voltage outputs from the G-5500 are not stable enough. The strange thing is that when I test the voltages out of the G-5500 with a multimeter the voltages are stable to .01v.
>
> I have also used different cables between the ST3 and G-5500 so it's not a problem with the cable either.
>
> Has anyone had this problem and how did they fix it? Is there any way to stabilise the voltages coming out of the G-5500?
>
> Thanks
>
> J
>

312. Re: ST3 and G-5500 Users...

Yahoo group: foxdelta
Date: 2011-11-04 23:17:43 UTC
From: Jayson
Topic: 307 Message: 312

Ahh, thanks for the tip on ac ripple on the outputs. I didn't even think about that!!

I don't have a cro available to me to check for ripple but I'll put some small caps across the output and see how that goes.

I'll report back when I get a chance to intsall some caps and give an update.

Thanks

--- In foxdelta@yahoogroups.com, "kf7dur" <kf7dur@...> wrote:
>
> My ST3 flickers also but only on the EL not the AZ.
> Never really worried about it. I'd check for AC on the lines from the G-5500 could be a bad filter capacitor. You could also try jumping a small electrolytic cap across each line and see if the problem goes away...
>
> --- In foxdelta@yahoogroups.com, "Jayson" <jay77@> wrote:
> >
> > Hi All,
> >
> > I've recently been given two ST3 modules and both are having the same problem although I'm 100% sure it's no fault of the ST3, but with the G-5500.
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> > The problem is that the last digits of the antenna az and el display (bottom line) are constantly flickering up and down numbers and are never stable when plugged into the G-5500, although both ST3 modules are 100% stable when I plug them into the diag board (small test board that comes with the ST3).
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> > For this reason I'm sure it's due to the supply voltage or the az/el voltage outputs from the G-5500 are not stable enough. The strange thing is that when I test the voltages out of the G-5500 with a multimeter the voltages are stable to .01v.
> >
> > I have also used different cables between the ST3 and G-5500 so it's not a problem with the cable either.
> >
> > Has anyone had this problem and how did they fix it? Is there any way to stabilise the voltages coming out of the G-5500?
> >
> > Thanks
> >
> > J
> >
>

313. APRS Weather Station FD-WX1

Yahoo group: foxdelta
Date: 2011-11-04 19:34:57 UTC
From: dave_hird2000
Topic: 313 Message: 313

Hello Dinesh, Could you please help me ? I have downloaded all the PDF files from the link shown http://www.foxdelta.com/products/wx1.htm
and designed a simple board layout for my CNC Cutter to make for my station.

I have download UWX103.ZIP and within the zipped file is the HEX file to load into the chip with my PICSTART programmer. Will this HEX file be ok for your Schematic ?? which is the coloured JPeg file included.

Looking forward to your reply as I have most of the parts already to build up this project.

Kind Regards Dave

314. Re: APRS Weather Station FD-WX1

Yahoo group: foxdelta
Date: 2011-11-05 02:31:32 UTC
From: foxdelta
Topic: 313 Message: 314

Hello Dave

Yes, that hex should work well.
I have uploaded firmware on wx1 webpage.

http://www.foxdelta.com/products/wx1.htm

Regards/Dinesh

--- In foxdelta@yahoogroups.com, "dave_hird2000" <g4rvh@...> wrote:
>
> Hello Dinesh, Could you please help me ? I have downloaded all the PDF files from the link shown http://www.foxdelta.com/products/wx1.htm
> and designed a simple board layout for my CNC Cutter to make for my station.
>
> I have download UWX103.ZIP and within the zipped file is the HEX file to load into the chip with my PICSTART programmer. Will this HEX file be ok for your Schematic ?? which is the coloured JPeg file included.
>
> Looking forward to your reply as I have most of the parts already to build up this project.
>
> Kind Regards Dave
>

315. Re: APRS Weather Station FD-WX1

Yahoo group: foxdelta
Date: 2011-11-05 09:51:22 UTC
From: DAVID
Topic: 313 Message: 315

Hello to all of the group by the way. Thank you Dinesh for your very quick reply. I have just looked on the link that you gave to me to make sure that the wx1 file was there and the link is there in the document just in case anyone else wants to build up the weather station. I have built up other weather stations but up to now calibrating the Barometer has been quite a fiddle and your design looks very cosh a and all the calibrating done mostly in the software.
Thanks for your help Dave

316. Re: ST3 and G-5500 Users...

Yahoo group: foxdelta
Date: 2011-11-07 05:30:15 UTC
From: Jayson
Topic: 307 Message: 316

And it looks like that is exactly what was going on.

I installed a few small caps across the voltage inputs on the ST3 and the flickering stopped.

One strange thing though was I then removed them from the ST3 and installed them in the G-5500 (putting them on the ST3 was a quick test), but when installed in the G-5500 the display still flickered....

Removed them from the G-5500 and put them back on the ST3 and the flickering stopped again. I'm 100% sure I had the correct conections in the G-5500 so maybe the cable (which is sheilded and has metal connections) is picking up some noise from somewhere.

Something to think about.

Thanks for your help :)

--- In foxdelta@yahoogroups.com, "Jayson" <jay77@...> wrote:
>
> Ahh, thanks for the tip on ac ripple on the outputs. I didn't even think about that!!
>
> I don't have a cro available to me to check for ripple but I'll put some small caps across the output and see how that goes.
>
> I'll report back when I get a chance to intsall some caps and give an update.
>
> Thanks
>
>
>
> --- In foxdelta@yahoogroups.com, "kf7dur" <kf7dur@> wrote:
> >
> > My ST3 flickers also but only on the EL not the AZ.
> > Never really worried about it. I'd check for AC on the lines from the G-5500 could be a bad filter capacitor. You could also try jumping a small electrolytic cap across each line and see if the problem goes away...
> >
> > --- In foxdelta@yahoogroups.com, "Jayson" <jay77@> wrote:
> > >
> > > Hi All,
> > >
> > > I've recently been given two ST3 modules and both are having the same problem although I'm 100% sure it's no fault of the ST3, but with the G-5500.
> > >
> > > The problem is that the last digits of the antenna az and el display (bottom line) are constantly flickering up and down numbers and are never stable when plugged into the

G-5500, although both ST3 modules are 100% stable when I plug them into the diag board (small test board that comes with the ST3).
> > >
> > > For this reason I'm sure it's due to the supply voltage or the az/el voltage outputs from the G-5500 are not stable enough. The strange thing is that when I test the voltages out of the G-5500 with a multimeter the voltages are stable to .01v.
> > >
> > > I have also used different cables between the ST3 and G-5500 so it's not a problem with the cable either.
> > >
> > > Has anyone had this problem and how did they fix it? Is there any way to stabilise the voltages coming out of the G-5500?
> > >
> > > Thanks
> > >
> > > J
> > >
> >
>

317. Re: ST3 and G-5500 Users...

Yahoo group: foxdelta
Date: 2011-11-12 05:15:12 UTC
From: kf7dur
Topic: 307 Message: 317

Glad to hear the caps worked.
I'll do the same thing to mine next time I set it up.

73
Ken

--- In foxdelta@yahoogroups.com, "Jayson" <jay77@...> wrote:
>
> And it looks like that is exactly what was going on.
>
> I installed a few small caps across the voltage inputs on the ST3 and the flickering stopped.
>
> One strange thing though was I then removed them from the ST3 and installed them in the G-5500 (putting them on the ST3 was a quick test), but when installed in the G-5500 the display still flickered....
>
> Removed them from the G-5500 and put them back on the ST3 and the flickering stopped again. I'm 100% sure I had the correct conections in the G-5500 so maybe the cable (which is sheilded and has metal connections) is picking up some noise from somewhere.
>
> Something to think about.
>
> Thanks for your help :)
>
>
>
> --- In foxdelta@yahoogroups.com, "Jayson" <jay77@> wrote:
> >
> > Ahh, thanks for the tip on ac ripple on the outputs. I didn't even think about that!!
> >
> > I don't have a cro available to me to check for ripple but I'll put some small caps across the output and see how that goes.
> >
> > I'll report back when I get a chance to intsall some caps and give an update.
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> > Thanks
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> > --- In foxdelta@yahoogroups.com, "kf7dur" <kf7dur@> wrote:
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> > > My ST3 flickers also but only on the EL not the AZ.
> > > Never really worried about it. I'd check for AC on the lines from the G-5500 could be a bad filter capacitor. You could also try jumping a small electrolytic cap across each

line and see if the problem goes away...
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> > > --- In foxdelta@yahoogroups.com, "Jayson" <jay77@> wrote:
> > > >
> > > > Hi All,
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> > > > The problem is that the last digits of the antenna az and el display (bottom line) are constantly flickering up and down numbers and are never stable when plugged into the G-5500, although both ST3 modules are 100% stable when I plug them into the diag board (small test board that comes with the ST3).
> > > >
> > > > For this reason I'm sure it's due to the supply voltage or the az/el voltage outputs from the G-5500 are not stable enough. The strange thing is that when I test the voltages out of the G-5500 with a multimeter the voltages are stable to .01v.
> > > >
> > > > I have also used different cables between the ST3 and G-5500 so it's not a problem with the cable either.
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> > > > Has anyone had this problem and how did they fix it? Is there any way to stabilise the voltages coming out of the G-5500?
> > > >
> > > > Thanks
> > > >
> > > > J
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> > >
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318. PIC Frequency Counter Update

Yahoo group: foxdelta
Date: 2011-12-14 13:53:52 UTC
From: foxdelta
Topic: 318 Message: 318

Hello

FC1:
Fc1 was one of the first project that I took up couple of years back.
Now, I thought to update it with a little better hardware.
FC1 is a simple PIC16F628A based 35MHZ Frequency counter. Revision 1011 project is now available which has better hardware and may operate from a 12V supply or from a in-built 9V battery. Has RS232 output for logging:

http://www.foxdelta.com/products/fc1.htm

FC3:
We have taken up new PIC18F4550 Based frequency counter with 100MHZ range and option to measure 1GHZ. Frequency counter will also measure signal level using a AD8307. Soon you will hear about this project. Project will have Firmware and Win Software by Tony/I2TZK.

73s/Dinesh Gajjar

319. Milliwatt measurement on SWM3

Yahoo group: foxdelta
Date: 2011-12-23 03:45:06 UTC
From: Steve
Topic: 319 Message: 319

Hi folks,

I am considering to buy the kit and HF dual scale bridge, but wonder if this can allow me to measure as low as milliwatt of output power.

Thanks,

Steve / VA3ECJ

320. QRP SWR Meter

Yahoo group: foxdelta
Date: 2011-12-25 06:02:24 UTC
From: foxdelta
Topic: 320 Message: 320

Hello

SWM2 and SWM3 projects were very successful. Many radio amateurs asked for a QRP version of LCD SWR meter for their 10W Radios.

This is a single CPU unit project with built-in HF 10W balanced bridge which may be powered from an USB port or internal 9V battery.

Tony/I2TZK who developed SWM2/3 Firmware, made another effort and created a scaled down version of special Firmware for this QRP SWR Meter Project.

Project is released (kits not ready yet) at:

http://www.foxdelta.com/products/swm3-qrp.htm

73s/Dinesh

321. 40pf Variable Capacitor on SWM3 HF Dual Scale Bridge

Yahoo group: foxdelta
Date: 2012-01-10 13:53:23 UTC
From: Steve
Topic: 321 Message: 321

Just finished assembling the kit and following the calibration procedure by Frank/K7SFN. I didn't find instructions to adjust the 40pf CV. Is adjustment needed? I would expect so. Other than that I was able to follow the procedure to complete the calibration.

Did I miss anything?

Thanks,

Steve / VA3ECJ

322. Re: [foxdelta] 40pf Variable Capacitor on SWM3 HF Dual Scale Bridge

Yahoo group: foxdelta
Date: 2012-01-10 16:55:50 UTC
From: Frank Dziurda
Topic: 321 Message: 322

Steve,
The "CV" capacitor is a compensation cap, used for balancing the calibration between the upper and lower bands. I would start with "CV" set to minimum capacity, and calibrate the SWM3 on 40 meters. After completing the 40M calibration, apply 100w through the SWM3 on 80M and 10M and note the readings on the SWM3. Adjust "CV" , as necessary, until the 80M and 10M readings are as close to the same reading as possible. After you are finished messing with"CV", recheck you calibration on 40M.
Hope this helps,
Frank - K7SFN

On 1/10/2012 5:53 AM, Steve wrote:
>
> Just finished assembling the kit and following the calibration
> procedure by Frank/K7SFN. I didn't find instructions to adjust the
> 40pf CV. Is adjustment needed? I would expect so. Other than that I
> was able to follow the procedure to complete the calibration.
>
> Did I miss anything?
>
> Thanks,
>
> Steve / VA3ECJ
>
>

323. SWM3 inaccurate power reading on 50W and 10W scales

Yahoo group: foxdelta
Date: 2012-01-13 23:38:18 UTC
From: Steve
Topic: 323 Message: 323

I updated the firmware to the latest 2.07 version an wanted to have more precise reading for QRP usage on 10W or 50W scale.

However, I didn't seem to be able to adjust RV1 to bring the power reading close to the real value.

I have my rig adjusted to provide 10W of output and confirmed the power output by another wattmeter. When SWM3 is on 10W or 50W (same reading) scale, the maximum power reading is only 6.9W (as opposed to 10W). I maxed out the adjustment range of the RV3 resistor.

Is that something the firmware can improve on?

Thanks,

Steve / VA3ECJ

324. R: [foxdelta] SWM3 inaccurate power reading on 50W and 10W scales

Yahoo group: foxdelta
Date: 2012-01-14 07:51:58 UTC
From: i2tzk@fastwebnet.it
Topic: 324 Message: 324

Hi Steve
SWM3 problem could be that the swr bridge doesn't generate a sufficient voltage to calibrate full 10W.You have to measure 2.4vdc at Pin2 channel 1 (or Pin7 channel2) of the PIC at 10W / 50ohm input (use a dummy load no SWR this time).
You can try on the CPU unit depending on the vdc measured at pin 3 of J4-CH1 to revise the divider resistor network R3/R11 until you reach 2.4V. Do the same mod to R4/R2 to balance the reverse reading.You can also on the bridge- increase the L1 number of turns- decrease the R6 value Hope this help, 73's Tony

----Messaggio originale----

Da: steve_a_lee@...

Data: 14/01/2012 0.38

A: <foxdelta@yahoogroups.com>

Ogg: [foxdelta] SWM3 inaccurate power reading on 50W and 10W scales

----Messaggio originale----

Da: steve_a_lee@...

Data: 14/01/2012 0.38

A: <foxdelta@yahoogroups.com>

Ogg: [foxdelta] SWM3 inaccurate power reading on 50W and 10W scales

I updated the firmware to the latest 2.07 version an wanted to have more precise reading for QRP usage on 10W or 50W scale.

However, I didn't seem to be able to adjust RV1 to bring the power reading close to the real value.

I have my rig adjusted to provide 10W of output and confirmed the power output by another wattmeter. When SWM3 is on 10W or 50W (same reading) scale, the maximum power reading is only 6.9W (as opposed to 10W). I maxed out the adjustment range of the RV3 resistor.

Is that something the firmware can improve on?

Thanks,

Steve / VA3ECJ

-->

325. Re: SWM3 inaccurate power reading on 50W and 10W scales

Yahoo group: foxdelta
Date: 2012-01-14 08:54:27 UTC
From: foxdelta
Topic: 323 Message: 325

Hello

Tony/I2TZK has answered this point.
So far hardware is concerned, as suggested by Tony, you will have to experiment with number of turns of pickup toroid to see if sufficient voltages are developed for measurement of 10W level. If not, then need to change voltage divider ratio (47K/47K)

However, I think it would be best to decide what range of measurement is opted for your ham station before doing modifications.

73s/Dinesh

--- In foxdelta@yahoogroups.com, "Steve" <steve_a_lee@...> wrote:
>
> I updated the firmware to the latest 2.07 version an wanted to have more precise reading for QRP usage on 10W or 50W scale.
>
> However, I didn't seem to be able to adjust RV1 to bring the power reading close to the real value.
>
> I have my rig adjusted to provide 10W of output and confirmed the power output by another wattmeter. When SWM3 is on 10W or 50W (same reading) scale, the maximum power reading is only 6.9W (as opposed to 10W). I maxed out the adjustment range of the RV3 resistor.
>
> Is that something the firmware can improve on?
>
> Thanks,
>
> Steve / VA3ECJ
>

326. Re: SWM3 inaccurate power reading on 50W and 10W scales

Yahoo group: foxdelta
Date: 2012-01-14 20:36:27 UTC
From: Steve
Topic: 323 Message: 326

Dinesh and Tony,

Thanks for the reply. I just measured the voltages on the CPU across R3. When the power output is 10W, I have 1.77v and 0.88v on both ends of R3 regardless of the scale selection of the CPU.

When I am on 50W scale of the CPU, I can read a maximum of 6.3W with RV3 adjusted to 0 ohm on the bridge.

When I am on 10W scale of the CPU, I can read only a maximum of 1.3W with RV3 adjusted to 0 ohm on the bridge.

When I shorted R3 on the CPU, I was able to get exact 10W reading on the 50W scale, but even with R3 shorted, I could only get 4.7W reading on the 10W scale.

I am not sure but it seems the firmware code for the 10W can be improved.

I will use the 50W scale for QRP power measurement for now and added a relay to short R3 based on PIN 6 of J4 on the CPU when I am on low power scale. Do you see any drawbacks of this approach?

Thanks,

Steve / VA3ECJ

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
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>
>
>
>
> Hello
>
> Tony/I2TZK has answered this point.
> So far hardware is concerned, as suggested by Tony, you will have to experiment with number of turns of pickup toroid to see if sufficient voltages are developed for measurement of 10W level. If not, then need to change voltage divider ratio (47K/47K)
>
> However, I think it would be best to decide what range of measurement is opted for your ham station before doing modifications.
>
> 73s/Dinesh
>
>
> --- In foxdelta@yahoogroups.com, "Steve" <steve_a_lee@> wrote:
> >

> > I updated the firmware to the latest 2.07 version an wanted to have more precise reading for QRP usage on 10W or 50W scale.
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> > However, I didn't seem to be able to adjust RV1 to bring the power reading close to the real value.
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> > I have my rig adjusted to provide 10W of output and confirmed the power output by another wattmeter. When SWM3 is on 10W or 50W (same reading) scale, the maximum power reading is only 6.9W (as opposed to 10W). I maxed out the adjustment range of the RV3 resistor.
> >
> > Is that something the firmware can improve on?
> >
> > Thanks,
> >
> > Steve / VA3ECJ
> >
>

327. Re: SWM3 inaccurate power reading on 50W and 10W scales

Yahoo group: foxdelta
Date: 2012-01-14 19:04:59 UTC
From: Steve
Topic: 323 Message: 327

Thanks Tony and Denish for the suggestions!

Base on what's suggested, I am considering to add a 5V relay to short R3 and R4 on the CPU board based on the status of PIN 6 on J4. It seem to provide me the right power reading when I short R3 temporarily.

Do you see any drawback of doing this?

Thanks,

Steve / VA3ECJ

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
>
>
>
> Hello
>
> Tony/I2TZK has answered this point.
> So far hardware is concerned, as suggested by Tony, you will have to experiment with number of turns of pickup toroid to see if sufficient voltages are developed for measurement of 10W level. If not, then need to change voltage divider ratio (47K/47K)
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> However, I think it would be best to decide what range of measurement is opted for your ham station before doing modifications.
>
> 73s/Dinesh
>
>
> --- In foxdelta@yahoogroups.com, "Steve" <steve_a_lee@> wrote:
> >
> > I updated the firmware to the latest 2.07 version an wanted to have more precise reading for QRP usage on 10W or 50W scale.
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> > However, I didn't seem to be able to adjust RV1 to bring the power reading close to the real value.
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> > I have my rig adjusted to provide 10W of output and confirmed the power output by another wattmeter. When SWM3 is on 10W or 50W (same reading) scale, the maximum power reading is only 6.9W (as opposed to 10W). I maxed out the adjustment range of the RV3 resistor.
> >
> > Is that something the firmware can improve on?

> >
> > Thanks,
> >
> > Steve / VA3ECJ
> >
>

328. Re: R: [foxdelta] SWM3 inaccurate power reading on 50W and 10W scales

Yahoo group: foxdelta
Date: 2012-01-15 06:08:15 UTC
From: Steve
Topic: 324 Message: 328

Alright, I shorted both R3 and R4 on the CPU unit and it seemed to work on both 50W and 1KW scales. Accuracy is now improved when under 50W. I calibrated so that it is closer to actuals between 10W-20W. It would be even better if 10W scale works - I could only get a maximum of 6.9W reading on 10W scale. I will keep R3/R4 shorted for now.

For calibration at QRP level, I used a diode, a capacitor and a ditigal volmeter (similar to this: http://epic.mcmaster.ca/~elmer101/rfpower/rfpower.html) to calculate the actual power level then adjust the bridge to match.

Just food for thought, SWM3 is such a great kit and I think it can have very high accuracy if there is a way for the firmware to allow calibration at multiple power levels via configuration. For example, enter the sample values at 10W, 20W, 50W, 100W, etc. Kind of calibrate via software in addition to or instead of the resistors. perhaps, this can be an new tab for developers or advanced users. This can make this kit the most accurate watt meter available.

Thanks,

Steve / VA3ECJ

--- In foxdelta@yahoogroups.com, <i2tzk@...> wrote:
>
>
> Hi Steve
> SWM3 problem could be that the swr bridge doesn't generate a sufficient voltage to calibrate full 10W.You have to measure 2.4vdc at Pin2 channel 1 (or Pin7 channel2) of the PIC at 10W / 50ohm input (use a dummy load no SWR this time).
> You can try on the CPU unit depending on the vdc measured at pin 3 of J4-CH1 to revise the divider resistor network R3/R11 until you reach 2.4V. Do the same mod to R4/R2 to balance the reverse reading.You can also on the bridge- increase the L1 number of turns- decrease the R6 value Hope this help, 73's Tony
>
>
> ----Messaggio originale----
>
> Da: steve_a_lee@...
>
> Data: 14/01/2012 0.38
>
> A: <foxdelta@yahoogroups.com>
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> Ogg: [foxdelta] SWM3 inaccurate power reading on 50W and 10W scales
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> Da: steve_a_lee@...
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329. SWM3 inaccurate power reading on 50W and 10W scales

Yahoo group: foxdelta
Date: 2012-01-17 03:24:27 UTC
From: foxdelta
Topic: 324 Message: 329

Hello

Although there is always a scope to add more features on PC Software which Tony/I2TZK may address in future, I think SWM3 CPU and PC Software are already very stable and good projects. The question of QRP measurement is with present HF Bridge which is not generating necessary measurement voltages for 10W level.

I have designed a QRP bridge suitable for SWM3 USB CPU which will be available soon.

However, we also have exclusive SWM3 QRP USB project for QRP users with suitable firmware to measure 10W.

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "Steve" <steve_a_lee@...> wrote:
>
> Alright, I shorted both R3 and R4 on the CPU unit and it seemed to work on both 50W and 1KW scales. Accuracy is now improved when under 50W. I calibrated so that it is closer to actuals between 10W-20W. It would be even better if 10W scale works - I could only get a maximum of 6.9W reading on 10W scale. I will keep R3/R4 shorted for now.
>
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> Just food for thought, SWM3 is such a great kit and I think it can have very high accuracy if there is a way for the firmware to allow calibration at multiple power levels via configuration. For example, enter the sample values at 10W, 20W, 50W, 100W, etc. Kind of calibrate via software in addition to or instead of the resistors. perhaps, this can be an new tab for developers or advanced users. This can make this kit the most accurate watt meter available.
>
> Thanks,
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> Steve / VA3ECJ
>
> --- In foxdelta@yahoogroups.com, <i2tzk@> wrote:
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> >
> > Hi Steve
> > SWM3 problem could be that the swr bridge doesn't generate a sufficient voltage to calibrate full 10W.You have to measure 2.4vdc at Pin2 channel 1 (or Pin7 channel2) of the PIC at 10W / 50ohm input (use a dummy load no SWR this time).
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decrease the R6 value Hope this help, 73's Tony
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> > ----Messaggio originale----
> >
> > Da: steve_a_lee@
> >
> > Data: 14/01/2012 0.38
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> > A: <foxdelta@yahoogroups.com>
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> > However, I didn't seem to be able to adjust RV1 to bring the power reading close to the real value.
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> >
> > I have my rig adjusted to provide 10W of output and confirmed the power output by another wattmeter. When SWM3 is on 10W or 50W (same reading) scale, the maximum power reading is only 6.9W (as opposed to 10W). I maxed out the adjustment range of the RV3 resistor.
> >
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> > Is that something the firmware can improve on?
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> > Thanks,
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> >
> > Steve / VA3ECJ
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330. Re: SWM3 inaccurate power reading on 50W and 10W scales

Yahoo group: foxdelta
Date: 2012-01-17 15:49:55 UTC
From: Steve
Topic: 324 Message: 330

I understand and fully agree with you. My point earlier was just recognition of the opportunity to allow non-linear calibration to make this kit the most accurate meter available - A/D conversion in the microprocessor isn't perfectly linear across wide range of voltage but we can compensate this with software. Haven't said that, I haven't seen anything out there that can do this - that's why I am excited about it.

If there is a need, I would be happy to offer my assistance.

BTW, after the resistor mode, it seems the current hardware can provide accurate enough measurement below 10W. I just had to use the 50W scale on the CPU to do that. When I have some more time, I can post my calibration procedure for under 50w here.

Cheers,

Steve/VA3ECJ

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
>
> Hello
>
> Although there is always a scope to add more features on PC Software which Tony/I2TZK may address in future, I think SWM3 CPU and PC Software are already very stable and good projects. The question of QRP measurement is with present HF Bridge which is not generating necessary measurement voltages for 10W level.
>
> I have designed a QRP bridge suitable for SWM3 USB CPU which will be available soon.
>
> However, we also have exclusive SWM3 QRP USB project for QRP users with suitable firmware to measure 10W.
>
> 73s/Dinesh Gajjar
>
>
>
>
> --- In foxdelta@yahoogroups.com, "Steve" <steve_a_lee@> wrote:
> >
> > Alright, I shorted both R3 and R4 on the CPU unit and it seemed to work on both 50W and 1KW scales. Accuracy is now improved when under 50W. I calibrated so that it is closer to actuals between 10W-20W. It would be even better if 10W scale works - I could only get a maximum of 6.9W reading on 10W scale. I will keep R3/R4 shorted for now.
> >
> > For calibration at QRP level, I used a diode, a capacitor and a ditigal volmeter

(similar to this: http://epic.mcmaster.ca/~elmer101/rfpower/rfpower.html) to calculate the actual power level then adjust the bridge to match.
> >
> > Just food for thought, SWM3 is such a great kit and I think it can have very high accuracy if there is a way for the firmware to allow calibration at multiple power levels via configuration. For example, enter the sample values at 10W, 20W, 50W, 100W, etc. Kind of calibrate via software in addition to or instead of the resistors. perhaps, this can be an new tab for developers or advanced users. This can make this kit the most accurate watt meter available.
> >
> > Thanks,
> >
> > Steve / VA3ECJ
> >
> > --- In foxdelta@yahoogroups.com, <i2tzk@> wrote:
> > >
> > >
> > > Hi Steve
> > > SWM3 problem could be that the swr bridge doesn't generate a sufficient voltage to calibrate full 10W.You have to measure 2.4vdc at Pin2 channel 1 (or Pin7 channel2) of the PIC at 10W / 50ohm input (use a dummy load no SWR this time).
> > > You can try on the CPU unit depending on the vdc measured at pin 3 of J4-CH1 to revise the divider resistor network R3/R11 until you reach 2.4V. Do the same mod to R4/R2 to balance the reverse reading.You can also on the bridge- increase the L1 number of turns- decrease the R6 value Hope this help, 73's Tony
> > >
> > >
> > > ----Messaggio originale----
> > >
> > > Da: steve_a_lee@
> > >
> > > Data: 14/01/2012 0.38
> > >
> > > A: <foxdelta@yahoogroups.com>
> > >
> > > Ogg: [foxdelta] SWM3 inaccurate power reading on 50W and 10W scales
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> > >
> > > ----Messaggio originale----
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> > > Da: steve_a_lee@
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> > > Data: 14/01/2012 0.38
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> > > I updated the firmware to the latest 2.07 version an wanted to have more precise reading for QRP usage on 10W or 50W scale.
> > >
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> > >
> > > However, I didn't seem to be able to adjust RV1 to bring the power reading close to the real value.
> > >
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> > >
> > > I have my rig adjusted to provide 10W of output and confirmed the power output by another wattmeter. When SWM3 is on 10W or 50W (same reading) scale, the maximum power reading is only 6.9W (as opposed to 10W). I maxed out the adjustment range of the RV3 resistor.

> > >
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> > > Is that something the firmware can improve on?
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> > > Steve / VA3ECJ
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331. SWM3 QRP

Yahoo group: foxdelta
Date: 2012-01-18 01:48:25 UTC
From: Mike
Topic: 331 Message: 331

Just got the new QRP wattmeter in the mail a few hours ago.
Opted for the built unit. It took me longer to unpack it than to
Get it hooked up. I needed something to fill the void of my
Powermaster not giving swr readings under 5 watts or fwd under 1.
I also wanted the portability offered with the internal battery pack.
It works GREAT. Forward power readings match the Powermaster.
I followed the shipping - 2 days from Mumbai to New York, NY then 9 days to get through
Customs and make it here to Michigan.
Thanks for another excellent, affordable product.
73's
Mike WA8EBM

332. CT1ARR PIC18F2550 Remote Antenna Switch Project

Yahoo group: foxdelta
Date: 2012-01-24 12:14:59 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 332 Message: 332

Hello

Amateur Radio club CT1ARR has published a nice PIC18F2550 based remote antenna switch project. Please visit:

http://www.foxdelta.com/products/ct1arr.htm

Kits are available from CT1ARR web site

73s/Dinesh Gajjar

333. Astro Clock

Yahoo group: foxdelta
Date: 2012-01-26 06:41:46 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 333 Message: 333

Hello

A new project, which may be useful for amateurs involved with radio astronomy or astronomy work, is posted at:

http://www.foxdelta.com/products/astroclock.htm

Project uses PIC16F877A and has a lot to offer to astronomers.

73s/Dinesh Gajjar

334. JUPITER RADIO NOISE JAN 30

Yahoo group: foxdelta
Date: 2012-01-30 15:26:10 UTC
From: jtegerdine
Topic: 334 Message: 334

New file posted in FILES > MPO

335. Jupiter Radio Plots

Yahoo group: foxdelta
Date: 2012-01-29 16:49:18 UTC
From: jtegerdine
Topic: 335 Message: 335

New file in MPO folder
http://groups.yahoo.com/group/foxdelta/files/MPO/

336. JUPITER RADIO PLOT

Yahoo group: foxdelta
Date: 2012-01-31 15:38:21 UTC
From: jtegerdine
Topic: 336 Message: 336

```
New plot posted in FILES > MPO
```

337. Marine Radio Manuals

Yahoo group: foxdelta
Date: 2012-02-06 14:24:45 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 337 Message: 337

Hello

Many radio amateurs having old marine equipment have been asking for schematics/manuals for old radios like: Skanti, Dancom, ITT etc.

I have uploaded dancom HF400 manual and will be adding more soon at:

http://www.foxdelta.com/marineradio/

73s/Dinesh Gajjar

338. JUPITER NOISE FEB. 12

Yahoo group: foxdelta
Date: 2012-02-12 15:46:42 UTC
From: jtegerdine
Topic: 338 Message: 338

Jupiter radio plot posted in FILES > MPO

339. Galileo 20.1 Receiver Noise

Yahoo group: foxdelta
Date: 2012-03-04 06:46:00 UTC
From: jtegerdine
Topic: 339 Message: 339

Has anyone experienced a lot of random, loud crackling noise from the receiver with or without the antenna connected? I purchased the Galileo 20.1 mhz receiver a few months ago and was having this problem with it. I requested a replacement, and now it is doing the same thing. I've tried both AC 12v adaptor and DC 12v power pack for power with same results. I am running from the front audio jack into my soundcard. Problem occurs randomly with or without computer connected / with or without antenna connected.

Thank you for any ideas or assistance.

Jim Tegerdine
Marysville, WA

340. FD-HFB2 aka HF dual scale bridge

Yahoo group: foxdelta
Date: 2012-03-09 13:11:52 UTC
From: radio_itzehoe
Topic: 340 Message: 340

Hello,

I'm trying to adjust the reflected power reading according to the calibration procedure by Fran/K7SFN, however I'm unable to adjust the reading to 100W. It reads between 4W and 5W. I have no problems adjusting the forward power. 100W at 28.4MHz.

L1 is 40 turns and connects to A1 and B1 rather then A and B. I don't think that that should be the issue.

Also as soon as I switch to the 1KW scale the back-light dims rather drastically. I use a 5V 1A USB power supply.

Any help is greatly appreciated.

Thanks
ri

341. Re: [foxdelta] FD-HFB2 aka HF dual scale bridge

Yahoo group: foxdelta
Date: 2012-03-09 17:33:57 UTC
From: Frank Dziurda
Topic: 340 Message: 341

Did you reverse the PL-259 connections on the sensor board?
TX connects to Antenna connector and Antenna connects to the TX connector for this adjustment.

If you did reverse these and it won't calibrate, there is probably a problem on the sensor board.
Frank - K7SFN

On 3/9/2012 5:11 AM, radio_itzehoe wrote:
>
> Hello,
>
> I'm trying to adjust the reflected power reading according to the
> calibration procedure by Fran/K7SFN, however I'm unable to adjust the
> reading to 100W. It reads between 4W and 5W.
> I have no problems adjusting the forward power. 100W at 28.4MHz.
>
> L1 is 40 turns and connects to A1 and B1 rather then A and B. I don't
> think that that should be the issue.
>
> Also as soon as I switch to the 1KW scale the back-light dims rather
> drastically. I use a 5V 1A USB power supply.
>
> Any help is greatly appreciated.
>
> Thanks
> ri
>
>

342. Re: FD-HFB2 aka HF dual scale bridge

Yahoo group: foxdelta
Date: 2012-03-10 03:15:00 UTC
From: radio_itzehoe
Topic: 340 Message: 342

Thanks for the reply, and yes I reversed the the connections. i.e. Dummyload onto tx plug and tx onto antenna plug for the reverse alignment.

I just rxed the kit and finished the board last night.
What could be wrong on the board?

ri

--- In foxdelta@yahoogroups.com, Frank Dziurda <k7sfn@...> wrote:
>
> Did you reverse the PL-259 connections on the sensor board?
> TX connects to Antenna connector and Antenna connects to the TX
> connector for this adjustment.
>
> If you did reverse these and it won't calibrate, there is probably a
> problem on the sensor board.
> Frank - K7SFN
>
>
>
>
>
> On 3/9/2012 5:11 AM, radio_itzehoe wrote:
> >
> > Hello,
> >
> > I'm trying to adjust the reflected power reading according to the
> > calibration procedure by Fran/K7SFN, however I'm unable to adjust the
> > reading to 100W. It reads between 4W and 5W.
> > I have no problems adjusting the forward power. 100W at 28.4MHz.
> >
> > L1 is 40 turns and connects to A1 and B1 rather then A and B. I don't
> > think that that should be the issue.
> >
> > Also as soon as I switch to the 1KW scale the back-light dims rather
> > drastically. I use a 5V 1A USB power supply.
> >
> > Any help is greatly appreciated.
> >
> > Thanks
> > ri
> >
> >
>

343. Re: FD-HFB2 aka HF dual scale bridge

Yahoo group: foxdelta
Date: 2012-03-10 14:32:22 UTC
From: radio_itzehoe
Topic: 340 Message: 343

OK, I'm pretty sure the sensor is ok.
about 25W FW measures 2.5V at pin 3 and about 2.6V at pin 4 for RF! (after swapping the ant/tx connections)

However the same behavior is present at the second sensor port on the SWM3. I'm going to trace the board tomorrow, but I think that the PIC might be the culprit.

ri

BTW the power issue was a !@#$%^ USB-cable!

--- In foxdelta@yahoogroups.com, "radio_itzehoe" <devnully@...> wrote:
>
> Thanks for the reply, and yes I reversed the the connections. i.e. Dummyload onto tx plug and tx onto antenna plug for the reverse alignment.
>
> I just rxed the kit and finished the board last night.
> What could be wrong on the board?
>
> ri
>
>
> --- In foxdelta@yahoogroups.com, Frank Dziurda <k7sfn@> wrote:
> >
> > Did you reverse the PL-259 connections on the sensor board?
> > TX connects to Antenna connector and Antenna connects to the TX
> > connector for this adjustment.
> >
> > If you did reverse these and it won't calibrate, there is probably a
> > problem on the sensor board.
> > Frank - K7SFN
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> > > reading to 100W. It reads between 4W and 5W.
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> > >
> > > L1 is 40 turns and connects to A1 and B1 rather then A and B. I don't

> > > think that that should be the issue.
> > >
> > > Also as soon as I switch to the 1KW scale the back-light dims rather
> > > drastically. I use a 5V 1A USB power supply.
> > >
> > > Any help is greatly appreciated.
> > >
> > > Thanks
> > > ri
> > >
> > >
> >
>

344. Foxtrak

Yahoo group: foxdelta
Date: 2012-03-11 11:30:25 UTC
From: kangarooman_01
Topic: 344 Message: 344

Hi all I have a couple of the foxtrak REV0110, my problem is I have purchased a new GPS and did not check the data lead, It only supports a USB type data lead is there any converter that anyone is aware of that will allow me to go from USB back to 9 pin serial.
Or do I purchase another GPS
Thanks
Martin
VK4HMD

345. Foxview3

Yahoo group: foxdelta
Date: 2012-03-16 01:33:49 UTC
From: boofrmb2002
Topic: 345 Message: 345

Hi All.

Recently I purchased a foxview3, I was hoping to check on radio modulation. So the main question, is that when I take the unit out of the, is there any main configuration I need to do, so I can just receive data from my other radio, or would it work by just plugging in power and audio from my radio.

Cheers

Robert VK2KGV

346. Re: Foxview3

Yahoo group: foxdelta
Date: 2012-03-21 05:31:34 UTC
From: w4ski_1
Topic: 345 Message: 346

Robert:

The docs do leave a lot to the imagination, don't they?

I got my FoxView3 running tonight, and found that it just worked when I hooked it to my Icom W32A. P2 and P3 were both set to midrange.

I am not certain how P3 should be set, but just to check, I monitored the TX audio with another radio while adjusting P2. I started at fully clockwise, and then turned P2 to the point where the audio wasn't getting any louder. This was done with a laptop hooked to the GPS port and using the calibrate command.

Another tip: Foxview3 apparently expects lines sent.to it in command mode to be terminated by both carriage return and linefeed.

73 de W4SKI

--- In foxdelta@yahoogroups.com, "boofrmb2002" <rbaker@...> wrote:
>
> Hi All.
>
> Recently I purchased a foxview3, I was hoping to check on radio modulation. So the main question, is that when I take the unit out of the, is there any main configuration I need to do, so I can just receive data from my other radio, or would it work by just plugging in power and audio from my radio.
>
> Cheers
>
> Robert VK2KGV
>

347. Foxview3 Display Config

Yahoo group: foxdelta
Date: 2012-03-21 05:56:09 UTC
From: w4ski_1
Topic: 347 Message: 347

I just got my FV3 running, and need some help.

While configuring the TNC wasn't too hard (easier once I figured out that it want lines terminated by CR/LF, not just CR), I am at a loss regarding how to configure the display. I have seen on the FoxDelta web site a description of the settings, but have no idea how to access them.

It would also be nice to know what the mode, timer, stop, and pos switches do.

73 de W4SKI

348. Re: FoxView3 Configuration - Peek_SVW & >POS

Yahoo group: foxdelta
Date: 2012-03-28 04:21:30 UTC
From: w4ski_1
Topic: 283 Message: 348

Gavin:

Did you ever find an answer? I am having the exact same proble
.

73 de W4SKI

--- In foxdelta@yahoogroups.com, "Gavin" <mm1bxf@...> wrote:
>
> Hi all and thanks for reading this...
>
> I'm having problems configuring my FoxView3 1010 to recognise my OwnPkt as the one for >POS<.
>
> I've configured the WB8WGA v2.20 side of the FoxView3 as follows:
> MYCALL: M1BXF-8
> UNPROTO: GPSC30 v WIDE1-1 v WIDE2-2
> BE: 1
> GPS: $GPRMC
>
> My beacons are being heard locally as can be seen on APRS.fi: http://aprs.fi/?c=raw&call=M1BXF-8 and are showing on the LCD as they should. My FoxView3 it is also decoding local APRS packets to the LCD so the decoder and encoder is working but I never get anything other than 0's for my >POS< on the Peek_SVW screen so it can't work out distance and bearing to stations heard. What am I doing wrong?
>
> I've configured Peek_SVW v4.0 as follows:
> SrcCal: M1BXF-08 (I've also tried it as M1BXF -08, the space before and after the callsign).
> Msg: BLN? TIDE
> Rng/Al: 255km
>
> DX: ON
> RA2: OFF
> Beep: OFF
> SrcCal: ON
> DstCal: OFF
> Msg: ON
> Object: OFF
> MicE: OFF
> Displ: OFF
> >POS<: ON
> Rng/Al: OFF
> FixAlm: OFF
> Timer: 01
>

> A friend of mine also bought a FoxView3 at the same time as me and is having the same issue, unfortunately the documentation is
> poor for this kit so I need help...
>
> Gavin, M1BXF
> www.geekshed.co.uk
>

349. Re: [foxdelta] Re: FoxView3 Configuration - Peek_SVW & >POS

Yahoo group: foxdelta
Date: 2012-03-28 05:51:29 UTC
From: Philip
Topic: 283 Message: 349

Hello,

I never connecting a GPS to the Foxview but did you try to switch the OWN PKT on ?

Otherwise you can send a packet with an other tracker and the POS will be stored. But if you are in mobile it isnt a good solution...

73

Philip

Le 28 mars 2012 06:21, w4ski_1 <pyeager56@...> a écrit :

> Gavin:
>
> Did you ever find an answer? I am having the exact same proble
> .
>
> 73 de W4SKI
>
>
> --- In foxdelta@yahoogroups.com, "Gavin" <mm1bxf@...> wrote:
> >
> > Hi all and thanks for reading this...
> >
> > I'm having problems configuring my FoxView3 1010 to recognise my OwnPkt
> as the one for >POS<.
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> > My beacons are being heard locally as can be seen on APRS.fi:
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> after the callsign).
> > Msg: BLN? TIDE

> > Rng/Al: 255km
> >
> > DX: ON
> > RA2: OFF
> > Beep: OFF
> > SrcCal: ON
> > DstCal: OFF
> > Msg: ON
> > Object: OFF
> > MicE: OFF
> > Displ: OFF
> > >POS<: ON
> > Rng/Al: OFF
> > FixAlm: OFF
> > Timer: 01
> >
> > A friend of mine also bought a FoxView3 at the same time as me and is
> having the same issue, unfortunately the documentation is
> > poor for this kit so I need help...
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> > Gavin, M1BXF
> > www.geekshed.co.uk
> >
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> ---
>
> Fox Delta Amateur Radio Projects & KitsYahoo! Groups Links
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350. RE: [foxdelta] Re: FoxView3 Configuration - Peek_SVW & >POS

Yahoo group: foxdelta
Date: 2012-03-28 08:39:49 UTC
From: Gavin Nesbitt
Topic: 283 Message: 350

Hi Philip,

I☐ve never managed to get this working as it states it should. I can get it to beacon happily with either a GPS connected or using the built in modem side but still can☐t get it to work out my POS, did you manage to get that to work if the FoxView receives a packet for someone set as the SrcCall? I☐ve tried setting SrcCall to that of my tracker but it never decodes it and it seem nobody is able to advise on how to make the FoxView actually recognise your location to calculate distance and bearing to other stations heard! I☐ve check all the Foxdelta documentation and all the documentation by IK3SVW and neither state the configuration required for this.

BR,

Gavin Nesbitt, M1BXF.

<http://www.geekshed.co.uk/> www.geekshed.co.uk

<http://www.cambridgerepeaters.net> www.cambridgerepeaters.net

<http://www.camb-hams.com> www.camb-hams.com

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of Philip
Sent: 28 March 2012 06:51
To: foxdelta@yahoogroups.com
Subject: Re: [foxdelta] Re: FoxView3 Configuration - Peek_SVW & >POS<

Hello,

I never connecting a GPS to the Foxview but did you try to switch the OWN PKT on ?

Otherwise you can send a packet with an other tracker and the POS will be stored. But if you are in mobile it isnt a good solution...

73

Philip

Le 28 mars 2012 06:21, w4ski_1 <pyeager56@...> a écrit :

Gavin:

Did you ever find an answer? I am having the exact same proble
.

73 de W4SKI

--- In foxdelta@yahoogroups.com, "Gavin" <mm1bxf@...> wrote:
>
> Hi all and thanks for reading this...
>
> I'm having problems configuring my FoxView3 1010 to recognise my OwnPkt as the one for >POS<.
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>
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> I've configured Peek_SVW v4.0 as follows:
> SrcCal: M1BXF-08 (I've also tried it as M1BXF -08, the space before and after the callsign).
> Msg: BLN? TIDE
> Rng/Al: 255km
>
> DX: ON
> RA2: OFF
> Beep: OFF
> SrcCal: ON
> DstCal: OFF
> Msg: ON
> Object: OFF
> MicE: OFF
> Displ: OFF
> >POS<: ON
> Rng/Al: OFF
> FixAlm: OFF
> Timer: 01
>
> A friend of mine also bought a FoxView3 at the same time as me and is having the same issue, unfortunately the documentation is
> poor for this kit so I need help...
>
> Gavin, M1BXF
> www.geekshed.co.uk
>

Fox Delta Amateur Radio Projects & KitsYahoo! Groups Links

351. Re: FoxView3 Configuration - Peek_SVW & >POS

Yahoo group: foxdelta
Date: 2012-03-28 13:44:03 UTC
From: w4ski_1
Topic: 283 Message: 351

Philip:

Thanks for responding.

My Foxview3 happily receives and displays its own position as received from the local digi. Since OWN PKT only feeds the transmitted data to the display, I can't see what difference this would make.

73 de W4SKI

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352. Re: FoxView3 Configuration - Peek_SVW & >POS

Yahoo group: foxdelta
Date: 2012-03-28 15:39:09 UTC
From: w4ski_1
Topic: 283 Message: 352

I have an idea what the problem might be.

I suspect that the Peek_SVW code might be set up to decode position as customarily encoded in a APRS message, either the "normal" human-readable format or the compressed MIC-E format.

The TNC does not encode position as it is "normally" done. It appears to just stuff the selected GPS sentence into the transmitted packet.

I plan to test this in the near future by programming the TNC's beacon message with a more "normal" position.

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353. Re: FoxView3 Configuration - Peek_SVW & >POS

Yahoo group: foxdelta
Date: 2012-03-29 02:19:59 UTC
From: w4ski_1
Topic: 283 Message: 353

I found the answer!!!!

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However, if I turn GPS mode off, and set my BTEXT to a proper APRS position report, things work as they should. The display processor decodes my position report, and uses that position to show distance and bearing to other received stations.

This "solution" obviously doesn't work for mobile operation. A much better solution would be to modify the TNC code to send a proper position report, rather than just sending the selected NMEA sentence. I'm working on that.

Also need to see if the display processor decodes MIC-E formatted messages. I suspect that it might.

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354. Re:[foxdelta] Re: FoxView3 Configuration - Peek_SVW & >POS

Yahoo group: foxdelta
Date: 2012-03-29 06:53:01 UTC
From: Gavin Nesbitt
Topic: 283 Message: 354

Paul,

Excellent news! I'm sure I tried that before, maybe I had the wing formal of BTEXT?

Is it possible, and this will help others, for you to post all your settings in a reply? This is the TNC settings and the 2 in built menus.

I don't mind using this fixed at home for now, but it seems a big limitation if the modem code is beaconing in a way the display code doesn't support...

BR,

Gavin Nesbitt, M1BXF.
Sent from my Nexus Prime.
http://www.geekshed.co.uk
On Mar 29, 2012 3:22 AM, "w4ski_1" <pyeager56@...> wrote:

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355. Re:[foxdelta] Re: FoxView3 Configuration - Peek_SVW & >POS

Yahoo group: foxdelta
Date: 2012-03-29 12:36:00 UTC
From: w4ski_1
Topic: 283 Message: 355

It's rather difficult to copy and paste from the LCD on the FoxView3! 8^)

As the scant available documentation indicates, you need the following set in the Peek_SVW config:

Under Set Nomi & Rng:
SrcCall: the call and SSID you set in TNC config

Under Set Abilitazioni:
->POS<- ON

The GPS switch on the circuit board needs to be off.

UNPROTO in the TNC config needs to be set so that a local digi will repeat your packet, or the OWN PKT switch on the circuit board needs to be on.

SrcCal does not need to be ON to capture your position, but it does need to be on to edit the call in Set Nomi &Rng.

As for the format of BTEXT, what I did was beacon my position from another TNC, and copy the text from the raw packet display on aprs.fi. Copy everything following the colon (:) that follows the digi path.

I have discovered that it works with MIC-E formatted position reports as well, although by their nature, these are a bit more complex to set the FoxView3 to do.

I am examining the TNC source code on preparation for development of a patch to make it send position reports in the APRS text format.

FYI - Peek-SVW appears to save the decoded position in nonvolatile memory.

73 de W4SKI

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> > > > > > > > >POS<: ON
> > > > > > > > Rng/Al: OFF
> > > > > > > > FixAlm: OFF
> > > > > > > > Timer: 01
> > > > > > > >
> > > > > > > > A friend of mine also bought a FoxView3 at the same time as me
> > and is
> > > > > > having the same issue, unfortunately the documentation is
> > > > > > > > poor for this kit so I need help...
> > > > > > > >
> > > > > > > > Gavin, M1BXF
> > > > > > > > www.geekshed.co.uk
> > > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > ------------------------------------
> > > > > > >
> > > > > > Fox Delta Amateur Radio Projects & KitsYahoo! Groups Links
> > > > > > >
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>

357. Peek_SVW Configuration

Yahoo group: foxdelta
Date: 2012-03-29 16:27:21 UTC
From: w4ski_1
Topic: 357 Message: 357

I searched all around trying to figure out how to configure Peek_SVW, the display portion of FoxView3.

Somewhere, I found a file that helped me figure it out.

You enter the config mode by holding down the POS switch while applying power to the unit.

There are two configuration menus - which one you get is determined by the position of the Mode switch.

Generally, for a given menu item, the POS switch steps through the available options, and the STOP switch moves you to the next menu item.

Documentation of the menu options, in barely decipherable English, is available here:
http://products.foxdelta.com/foxview/foxview-menu.pdf

Caution - cats in your shack may be severely annoyed by the beeping sound made by pressing the POS switch!

73 de W4SKI

358. Fox Delta Project PCBs

Yahoo group: foxdelta
Date: 2012-03-30 14:28:44 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 358 Message: 358

Hello

we have a new website called "Fox Delta School Projects" which will be run by my daughter Nina:

http://www.foxdelta.net

She has made enough efforts to put all foxdelta project PCBs on shop.

You may visit PCB shop at: http://www.foxdelta.net/shopping/

73s/Dinesh Gajjar

359. Re: [foxdelta] Fox Delta Project PCBs

Yahoo group: foxdelta
Date: 2012-03-30 15:31:55 UTC
From: Dennis Rogers
Topic: 358 Message: 359

Dinesh,

This is a great idea. Simple, basic electronic kits can be useful in teaching kids
basic electronic, physics, and scientific theories. Simple robotics, basic circuits of how
do electronic parts works (ie. diodes, leds, transistors, and much more.

Dennis

On Fri, Mar 30, 2012 at 9:28 AM, <foxdelta-owner@yahoogroups.com> wrote:

> **
>
>
> Hello
>
> we have a new website called "Fox Delta School Projects" which will be run
> by my daughter Nina:
>
> http://www.foxdelta.net
>
> She has made enough efforts to put all foxdelta project PCBs on shop.
>
> You may visit PCB shop at: http://www.foxdelta.net/shopping/
>
> 73s/Dinesh Gajjar
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

360. Re: Foxview3

Yahoo group: foxdelta
Date: 2012-04-04 10:24:40 UTC
From: boofrmb2002
Topic: 345 Message: 360

Thanks,, done some more checks, and since I put the MX614 (purchased from the net), the 5volt regulator now gets really hot, as well does the 614, try a different 614, still the same problem, has anyone else had the same problem, and if so, how did they correct the problem.

Robert

--- In foxdelta@yahoogroups.com, "w4ski_1" <pyeager56@...> wrote:
>
>
> Robert:
>
> The docs do leave a lot to the imagination, don't they?
>
> I got my FoxView3 running tonight, and found that it just worked when I hooked it to my Icom W32A. P2 and P3 were both set to midrange.
>
> I am not certain how P3 should be set, but just to check, I monitored the TX audio with another radio while adjusting P2. I started at fully clockwise, and then turned P2 to the point where the audio wasn't getting any louder. This was done with a laptop hooked to the GPS port and using the calibrate command.
>
> Another tip: Foxview3 apparently expects lines sent.to it in command mode to be terminated by both carriage return and linefeed.
>
> 73 de W4SKI
>
> --- In foxdelta@yahoogroups.com, "boofrmb2002" <rbaker@> wrote:
> >
> > Hi All.
> >
> > Recently I purchased a foxview3, I was hoping to check on radio modulation. So the main question, is that when I take the unit out of the, is there any main configuration I need to do, so I can just receive data from my other radio, or would it work by just plugging in power and audio from my radio.
> >
> > Cheers
> >
> > Robert VK2KGV
> >
>

361. Re: [foxdelta] Re: Foxview3

Yahoo group: foxdelta
Date: 2012-04-05 06:48:40 UTC
From: Dennis Rogers
Topic: 345 Message: 361

What voltage are you applying to the FV3?

Dennis
Not having the problem. Had one for several years. I have most all the kits.

On Wed, Apr 4, 2012 at 5:24 AM, boofrmb2002 <rbaker@...> wrote:

> **
>
>
>
> Thanks,, done some more checks, and since I put the MX614 (purchased from
> the net), the 5volt regulator now gets really hot, as well does the 614,
> try a different 614, still the same problem, has anyone else had the same
> problem, and if so, how did they correct the problem.
>
> Robert
>
> --- In foxdelta@yahoogroups.com, "w4ski_1" <pyeager56@...> wrote:
> >
> >
> > Robert:
> >
> > The docs do leave a lot to the imagination, don't they?
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> > I got my FoxView3 running tonight, and found that it just worked when I
> hooked it to my Icom W32A. P2 and P3 were both set to midrange.
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> > I am not certain how P3 should be set, but just to check, I monitored
> the TX audio with another radio while adjusting P2. I started at fully
> clockwise, and then turned P2 to the point where the audio wasn't getting
> any louder. This was done with a laptop hooked to the GPS port and using
> the calibrate command.
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> mode to be terminated by both carriage return and linefeed.
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> > 73 de W4SKI
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> > --- In foxdelta@yahoogroups.com, "boofrmb2002" <rbaker@> wrote:
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> > > Hi All.
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> > > Recently I purchased a foxview3, I was hoping to check on radio
> modulation. So the main question, is that when I take the unit out of the,
> is there any main configuration I need to do, so I can just receive data

> from my other radio, or would it work by just plugging in power and audio
> from my radio.
> > >
> > > Cheers
> > >
> > > Robert VK2KGV
> > >
> >
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

362. RE: [foxdelta] Re: Foxview3

Yahoo group: foxdelta
Date: 2012-04-05 10:09:50 UTC
From: Robert
Topic: 345 Message: 362

Using a power pack, 12 volts for testing

Rob

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of Dennis Rogers
Sent: Thursday, 5 April 2012 4:49 PM
To: foxdelta@yahoogroups.com
Subject: Re: [foxdelta] Re: Foxview3

What voltage are you applying to the FV3?

Dennis

Not having the problem. Had one for several years. I have most all the kits.

On Wed, Apr 4, 2012 at 5:24 AM, boofrmb2002 <rbaker@...> wrote:

Thanks,, done some more checks, and since I put the MX614 (purchased from the net), the 5volt regulator now gets really hot, as well does the 614, try a different 614, still the same problem, has anyone else had the same problem, and if so, how did they correct the problem.

Robert

--- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com> , "w4ski_1" <pyeager56@...> wrote:
>
>
> Robert:
>
> The docs do leave a lot to the imagination, don't they?
>
> I got my FoxView3 running tonight, and found that it just worked when I hooked it to my Icom W32A. P2 and P3 were both set to midrange.
>
> I am not certain how P3 should be set, but just to check, I monitored the TX audio with another radio while adjusting P2. I started at fully clockwise, and then turned P2 to the point where the audio wasn't getting any louder. This was done with a laptop hooked to the GPS port and using the calibrate command.
>
> Another tip: Foxview3 apparently expects lines sent.to it in command mode to be terminated by both carriage return and linefeed.
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> 73 de W4SKI
>

> --- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com> , "boofrmb2002" <rbaker@> wrote:
> >
> > Hi All.
> >
> > Recently I purchased a foxview3, I was hoping to check on radio modulation. So the main question, is that when I take the unit out of the, is there any main configuration I need to do, so I can just receive data from my other radio, or would it work by just plugging in power and audio from my radio.
> >
> > Cheers
> >
> > Robert VK2KGV
> >
>

--

Dennis, N5VRP
n5vrp.satx@...

363. Re: Foxview3

Yahoo group: foxdelta
Date: 2012-04-06 21:21:25 UTC
From: w4ski_1
Topic: 345 Message: 363

I am not having this problem, either.

The regulator on mine stays cool.

The regulator on my board is in a TO-220 package, and is screwed to the board.

Your mileage may vary if yours is not screwed to the board (but I doubt it should be getting *that* hot unless something else is wrong) or if yours is the TO-92 cased version.

73 de W4SKI

--- In foxdelta@yahoogroups.com, "Robert" <rbaker@...> wrote:
>
> Using a power pack, 12 volts for testing
>
>
>
> Rob
>
>
>
> From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf
> Of Dennis Rogers
> Sent: Thursday, 5 April 2012 4:49 PM
> To: foxdelta@yahoogroups.com
> Subject: Re: [foxdelta] Re: Foxview3
>
>
>
>
>
> What voltage are you applying to the FV3?
>
>
>
> Dennis
>
> Not having the problem. Had one for several years. I have most all the kits.
>
>
>
>
>

364. Programming pic16F88

Yahoo group: foxdelta
Date: 2012-04-17 22:47:16 UTC
From: boofrmb2002
Topic: 364 Message: 364

Hi All.

Would like to program a 16F88 with the fox delta firmware, is there a correct procedure to use when doing this.

Robert

365. Re: [foxdelta] Programming pic16F88

Yahoo group: foxdelta
Date: 2012-04-18 15:09:11 UTC
From: Dennis Rogers
Topic: 364 Message: 365

You must have a PIC programmer capable of programming the 16F88.
Then, use the .hex file to load into the chip.

Dennis

On Tue, Apr 17, 2012 at 5:47 PM, boofrmb2002 <rbaker@...> wrote:

> **
>
>
> Hi All.
>
> Would like to program a 16F88 with the fox delta firmware, is there a
> correct procedure to use when doing this.
>
> Robert
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

366. RE: [foxdelta] Programming pic16F88

Yahoo group: foxdelta
Date: 2012-04-19 01:57:12 UTC
From: Robert
Topic: 364 Message: 366

Thanks Dennis, do have a programmer. But it needs info, such as oscillator details (XT,LP,HS), as well as code protection, etc.

That's all

Robert

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of Dennis Rogers
Sent: Thursday, 19 April 2012 1:09 AM
To: foxdelta@yahoogroups.com
Subject: Re: [foxdelta] Programming pic16F88

You must have a PIC programmer capable of programming the 16F88.

Then, use the .hex file to load into the chip.

Dennis

On Tue, Apr 17, 2012 at 5:47 PM, boofrmb2002 <rbaker@...> wrote:

Hi All.

Would like to program a 16F88 with the fox delta firmware, is there a correct procedure to use when doing this.

Robert

--

Dennis, N5VRP
n5vrp.satx@...

367. RE: [foxdelta] Programming pic16F88

Yahoo group: foxdelta
Date: 2012-04-19 03:11:44 UTC
From: Robert
Topic: 364 Message: 367

Dennis,

Just an update,

Programmer is an Epic plus using parallel port (used it many times over)

Program is Epicwin version 2.46beta.

Every time I erase, not a prob, but when I try to program the 16F88, I get a configuration error.

Robert

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of Dennis Rogers
Sent: Thursday, 19 April 2012 1:09 AM
To: foxdelta@yahoogroups.com
Subject: Re: [foxdelta] Programming pic16F88

You must have a PIC programmer capable of programming the 16F88.

Then, use the .hex file to load into the chip.

Dennis

On Tue, Apr 17, 2012 at 5:47 PM, boofrmb2002 <rbaker@...> wrote:

Hi All.

Would like to program a 16F88 with the fox delta firmware, is there a correct procedure to use when doing this.

Robert

--

Dennis, N5VRP
n5vrp.satx@...

368. Re: [foxdelta] Programming pic16F88

Yahoo group: foxdelta
Date: 2012-04-19 05:10:30 UTC
From: Dennis Rogers
Topic: 364 Message: 368

Yes, I have many programmers. They allow selection of this in the source code before assembly. Some parameters can be set via a PicKit 2 or 3.

Dennis

On Wed, Apr 18, 2012 at 8:57 PM, Robert <rbaker@...> wrote:

> **
>
>
> Thanks Dennis, do have a programmer. But it needs info, such as oscillator
> details (XT,LP,HS), as well as code protection, etc.****
>
> ** **
>
> That’s all ****
>
> ** **
>
> Robert****
>
> ** **
>
> *From:* foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] *On
> Behalf Of *Dennis Rogers
> *Sent:* Thursday, 19 April 2012 1:09 AM
> *To:* foxdelta@yahoogroups.com
> *Subject:* Re: [foxdelta] Programming pic16F88****
>
> ** **
>
> ****
>
> You must have a PIC programmer capable of programming the 16F88.****
>
> Then, use the .hex file to load into the chip.****
>
> ** **
>
> Dennis****
>
> On Tue, Apr 17, 2012 at 5:47 PM, boofrmb2002 <rbaker@bigpond.com> wrote:**
> **
>
> ****
>

> Hi All.
>
> Would like to program a 16F88 with the fox delta firmware, is there a
> correct procedure to use when doing this.
>
> Robert****
>
>
>
> ****
>
> ** **
>
> --
>
> Dennis, N5VRP
> n5vrp.satx@...
>
> ****
>
> ****
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

369. RE: [foxdelta] Programming pic16F88

Yahoo group: foxdelta
Date: 2012-04-19 07:42:25 UTC
From: Robert
Topic: 364 Message: 369

Cool.. So is 16F88 worse to program than say 16F84 (baby brother), have been doing some checks, and elsewhere they say to enable MCLR, then program.. computer had a meltdown today, so have to rebuilt 2000 tomorrow.

Robert

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of Dennis Rogers
Sent: Thursday, 19 April 2012 3:11 PM
To: foxdelta@yahoogroups.com
Subject: Re: [foxdelta] Programming pic16F88

Yes, I have many programmers. They allow selection of this in the source

code before assembly. Some parameters can be set via a PicKit 2 or 3.

Dennis

On Wed, Apr 18, 2012 at 8:57 PM, Robert <rbaker@...> wrote:

Thanks Dennis, do have a programmer. But it needs info, such as oscillator details (XT,LP,HS), as well as code protection, etc.

That's all

Robert

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of Dennis Rogers
Sent: Thursday, 19 April 2012 1:09 AM
To: foxdelta@yahoogroups.com
Subject: Re: [foxdelta] Programming pic16F88

You must have a PIC programmer capable of programming the 16F88.

Then, use the .hex file to load into the chip.

Dennis

On Tue, Apr 17, 2012 at 5:47 PM, boofrmb2002 <rbaker@...> wrote:

Hi All.

Would like to program a 16F88 with the fox delta firmware, is there a correct procedure to use when doing this.

Robert

--

Dennis, N5VRP
n5vrp.satx@...

--

Dennis, N5VRP
n5vrp.satx@...

370. RE: [foxdelta] Programming pic16F88

Yahoo group: foxdelta
Date: 2012-04-19 06:16:48 UTC
From: Kriek, Christo (CJ)
Topic: 364 Message: 370

Robert which file do you want to program on the 16F88?

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of Robert
Sent: 19 April 2012 05:12 AM
To: foxdelta@yahoogroups.com
Subject: RE: [foxdelta] Programming pic16F88

Dennis,

Just an update,

Programmer is an Epic plus using parallel port (used it many times over)

Program is Epicwin version 2.46beta.

Every time I erase, not a prob, but when I try to program the 16F88, I get a configuration error.

Robert

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of Dennis Rogers
Sent: Thursday, 19 April 2012 1:09 AM
To: foxdelta@yahoogroups.com
Subject: Re: [foxdelta] Programming pic16F88

You must have a PIC programmer capable of programming the 16F88.
Then, use the .hex file to load into the chip.

Dennis
On Tue, Apr 17, 2012 at 5:47 PM, boofrmb2002 <rbaker@...<mailto:rbaker@bigpond.com>> wrote:

Hi All.

Would like to program a 16F88 with the fox delta firmware, is there a correct procedure to use when doing this.

Robert

--

Dennis, N5VRP
n5vrp.satx@...<mailto:n5vrp.satx@...>

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371. RE: [foxdelta] Programming pic16F88

Yahoo group: foxdelta
Date: 2012-04-19 09:26:28 UTC
From: Robert
Topic: 364 Message: 371
Attachments: 1 described; binary payloads are missing from this source WARC

The hex file I'm using is "Modemless TNC V109.HEX",

Purchased the mini-TNC PCB, so I'm building a digipeater.

Robert

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf
Of Kriek, Christo (CJ)
Sent: Thursday, 19 April 2012 4:17 PM
To: foxdelta@yahoogroups.com
Subject: RE: [foxdelta] Programming pic16F88

Robert which file do you want to program on the 16F88?

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf
Of Robert
Sent: 19 April 2012 05:12 AM
To: foxdelta@yahoogroups.com
Subject: RE: [foxdelta] Programming pic16F88

Dennis,

Just an update,

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Program is Epicwin version 2.46beta.

Every time I erase, not a prob, but when I try to program the 16F88, I get a
configuration error.

Robert

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Of Dennis Rogers
Sent: Thursday, 19 April 2012 1:09 AM
To: foxdelta@yahoogroups.com
Subject: Re: [foxdelta] Programming pic16F88

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Then, use the .hex file to load into the chip.

Dennis

On Tue, Apr 17, 2012 at 5:47 PM, boofrmb2002 <rbaker@...> wrote:

Hi All.

Would like to program a 16F88 with the fox delta firmware, is there a correct procedure to use when doing this.

Robert

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n5vrp.satx@...

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372. RE: [foxdelta] Programming pic16F88 [1 Attachment]

Yahoo group: foxdelta
Date: 2012-04-19 10:22:56 UTC
From: Kriek, Christo (CJ)
Topic: 364 Message: 372

Robert, I have the Foxdigi, it is digipeating except the AF out to the radio is very low.

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of Robert
Sent: 19 April 2012 11:26 AM
To: foxdelta@yahoogroups.com
Subject: RE: [foxdelta] Programming pic16F88 [1 Attachment]

[Attachment(s) from Robert included below]
The hex file I'm using is "Modemless TNC V109.HEX",
Purchased the mini-TNC PCB, so I'm building a digipeater.

Robert

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of Kriek, Christo (CJ)
Sent: Thursday, 19 April 2012 4:17 PM
To: foxdelta@yahoogroups.com
Subject: RE: [foxdelta] Programming pic16F88

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From: foxdelta@yahoogroups.com<mailto:foxdelta@yahoogroups.com> [mailto:foxdelta@yahoogroups.com]<mailto:[mailto:foxdelta@yahoogroups.com]> On Behalf Of Robert
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Dennis, N5VRP
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to receive a copy thereof please send an eMail to
legalnotice@...
---

373. RE: [foxdelta] Programming pic16F88

Yahoo group: foxdelta
Date: 2012-04-20 09:06:42 UTC
From: Robert
Topic: 364 Message: 373

Hi..

Not sure which version of Foxdigi you have, but have u adjusted the trimpot (P1), it may be adjusted to a low level, also may be a good idea to check all resistors that is part of the AF out (R4,R5,R8,R7,R8 & C17, just in case a wrong component was installed.

Robert

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of Kriek, Christo (CJ)
Sent: Thursday, 19 April 2012 8:23 PM
To: foxdelta@yahoogroups.com
Subject: RE: [foxdelta] Programming pic16F88

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[Attachment(s) from Robert included below]

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Dennis

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Robert

--

Dennis, N5VRP
n5vrp.satx@...

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374. SWM2 dead, PC can't find board

Yahoo group: foxdelta
Date: 2012-04-21 00:31:07 UTC
From: servaijm
Topic: 374 Message: 374

I just finished building the SWM2 dual SWR meter and I get no response. I run the PC control software and it can't find the board. What could I try to see what the problem is with the PIC?
Jan N8CBX

375. Re: [foxdelta] SWM2 dead, PC can't find board

Yahoo group: foxdelta
Date: 2012-04-21 01:56:14 UTC
From: Dennis Rogers
Topic: 374 Message: 375

Don't forget to load the latest firmware.
Check the COM port to be used vs SWM2 control software port.

Dennis

On Fri, Apr 20, 2012 at 7:31 PM, servaijm <jservaites@...> wrote:

> **
>
>
> I just finished building the SWM2 dual SWR meter and I get no response. I
> run the PC control software and it can't find the board. What could I try
> to see what the problem is with the PIC?
> Jan N8CBX
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>

--

Dennis, N5VRP
n5vrp.satx@gmail.com

376. SWM2 LEDs

Yahoo group: foxdelta
Date: 2012-04-28 02:21:41 UTC
From: TonyF
Topic: 376 Message: 376

What is the orientation of the bi-color LEDs to install them? Nowhere on the Fox Delta website or any Google searches could I find an answer. Also, what status do they provide? Again no mention anywhere what their appearance signifies (red/green/full-on/blinking).
Apparently, my PIC controller was programmed with the old programming, and a replacement is in the mail. I have NO response on the LCD display since the first power up. Checked the connecting cable for a dead connection, didn't find anything and pin 1 on both ends do match. Could the old PIC programming be the problem with the LCD problem?
Another problem is installing the DB9 PCB connectors, again no guidance on installing. I installed two of those in error.
Jan

377. R: [foxdelta] SWM2 LEDs

Yahoo group: foxdelta
Date: 2012-04-28 07:30:51 UTC
From: i2tzk@fastwebnet.it
Topic: 377 Message: 377

Each bicolor led refers to a channel, usually the left one to the ChannelA, the right to ChannelB.- green color lights on when the "Wattmeter Scale 2" is selected. No light indicates that the scale 1 is selected. - red color lights on when a "SWR alert" signal is generated, no light means SWR under the level alert Color green/red depends of the orientation of the led when you install it. You should download the last f/w from the site www.i2tzk.com, be sure to use the right version, SWM2 is different from SWM3, as well the firmware UPDATE version is not the same as the FULL version, take a look the LCD Update User Guide

73's Tony

----Messaggio originale----

Da: fokkerfodder@...

Data: 28/04/2012 4.21

A: <foxdelta@yahoogroups.com>

Ogg: [foxdelta] SWM2 LEDs

----Messaggio originale----

Da: fokkerfodder@...

Data: 28/04/2012 4.21

A: <foxdelta@yahoogroups.com>

Ogg: [foxdelta] SWM2 LEDs

What is the orientation of the bi-color LEDs to install them? Nowhere on the Fox Delta website or any Google searches could I find an answer. Also, what status do they provide? Again no mention anywhere what their appearance signifies (red/green/full-on/blinking). Apparently, my PIC controller was programmed with the old programming, and a replacement is in the mail. I have NO response on the LCD display since the first power up. Checked the connecting cable for a dead connection, didn't find anything and pin 1 on both ends do match. Could the old PIC programming be the problem with the LCD problem?

Another problem is installing the DB9 PCB connectors, again no guidance on installing. I installed two of those in error.

Jan

-->

378. Re: R: [foxdelta] SWM2 LEDs

Yahoo group: foxdelta
Date: 2012-04-28 16:08:36 UTC
From: Tony Fokker
Topic: 377 Message: 378

Okay, now my LCD light is dead. I need a new LCD display (JHD-162A 2 x 16 LCD). If this LCD's LED voltage is restricted to maximum of 12v, it would be best to add a 12V regulator in the circuit. Why? Because the plug-in wall power supplies (made in China) may say 12v, but mine was about 19v, so I was sending 19v without knowing that.
Would this LCD work?
http://www.ebay.com.au/itm/Character-LCD-Module-LCM-JHD162A-16X2-HD44780-/200506105143

Jan

From: "i2tzk@..." <i2tzk@fastwebnet.it>
To: foxdelta@yahoogroups.com
Sent: Saturday, April 28, 2012 3:30 AM
Subject: R: [foxdelta] SWM2 LEDs

Each bicolor led refers to a channel, usually the left one to the ChannelA, the right to ChannelB.
- green color lights on when the "Wattmeter Scale 2" is selected. No light indicates that the scale 1 is selected.
- red color lights on when a "SWR alert" signal is generated, no light means SWR under the level alert
Color green/red depends of the orientation of the led when you install it.

You should download the last f/w from the site www.i2tzk.com, be sure to use the right version, SWM2 is different from SWM3, as well the firmware UPDATE version is not the same as the FULL version, take a look the LCD Update User Guide

73's Tony

----Messaggio originale----
>Da: fokkerfodder@...
>Data: 28/04/2012 4.21
>A: <foxdelta@yahoogroups.com>
>Ogg: [foxdelta] SWM2 LEDs
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>----Messaggio originale----
>>Da: fokkerfodder@...
>>Data: 28/04/2012 4.21
>>A: <foxdelta@yahoogroups.com>
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>>Another problem is installing the DB9 PCB connectors, again no guidance on installing. I installed two of those in error.
>>Jan
>>
>>
>>
>

379. Questions aboujt FD ST2 Sat tracker

Yahoo group: foxdelta
Date: 2012-05-09 18:07:10 UTC
From: pa1tas
Topic: 379 Message: 379

I have a problem with my FD ST2.

And that is when I turn the rotor with the console of the rotor I blow up a transistor.

Why ???

Another problem is I can communicate with the pic but that's it. I can't make the Rotor's turn.

I have the following rotors

KR400
KR500

I don't know where to wire the wires so maybe its a big problem.

I am using 2,4,5 on the rotor console. But don't think its right.

If there is any one out there that knows how to connect the KR500/400 and maybe send me a diagram or something it would be gratefully welcomed and priced to me.

380. My SWM2 works great

Yahoo group: foxdelta
Date: 2012-05-12 15:00:03 UTC
From: Jan Servaites
Topic: 380 Message: 380

Okay, it looks like I successfully completed the SWM2 kit now. Most of the problems that I experienced were just a lack of understanding of the assembly, tuning and operation. My problem with no symboligy showing on the LCD display was just a lack of adjustment of the contrast pot. I didn't see a clear mention of it during assembly & calibration. ALso, the backlighting LED in the display went dead, but I discovered the problem and it was a cold solder joint on a chip resistor (actually the resistor was found in the bottom of the chassis, the soldering was that bad that it fell off the LCD board).
I calibrated the forward & reverse power pots against a Bird watt meter.
I am very, very happy that I purchased the SWM2 & dual SWR bridge. The three designers of the SWM2 should be very proud of your work, you each did an excellent job. My only feedback comment would be to re-write the assembly & calibration documentation, so it's more clearer and shorter in length. It seems there's a lot of good documentation, but its scattered about the web site in too many separate documents. If you want some help, I could do the rewrite for you.
I also started a eham review of the Fox Delta SWM2
http://www.eham.net/reviews/detail/10447
Jan N8CBX

382. My SWM2 works great

Yahoo group: foxdelta
Date: 2012-05-12 15:20:23 UTC
From: foxdelta
Topic: 380 Message: 382

Hello Jan

Thank you.
Yes, you may certainly help us by way of writing an assembly doc for SWM2.

We like to do many things for amateur radio/homebrewing and are always busy doing new developments and in that process, we do overlook or do not have much time to pay attention to existing project docs and assembly information.

I hope, we will be able to provide better information with help from experienced amateurs like you.

73s/Dinesh

--- In foxdelta@yahoogroups.com, Jan Servaites <jservaites@...> wrote:
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383. Re: [foxdelta] My SWM2 works great

Yahoo group: foxdelta
Date: 2012-05-12 16:16:21 UTC
From: Jan Servaites
Topic: 380 Message: 383

Thanks Dinesh. If the group is looking for a new project, may I suggest
a computerized antenna analyzer? Or maybe suggest a mini-VNA analyzer?
No where are their any of these in a kit form yet.
Jan

foxdelta wrote:

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>
>

384. Re: My SWM2 works great

Yahoo group: foxdelta
Date: 2012-05-13 02:07:04 UTC
From: foxdelta
Topic: 380 Message: 384

Hello Jan

Thank you for suggestion.

We have been working on many projects which includes antenna analyzer called AAZ-0911. This is almost completed and awaiting final tests by Frank. Firmware and PC software is hard work of Tony/I2TZK.

As you said, KITs are tough to make. Especially when SSOP, SOP or SOIC packages are involved (AD9851 etc)

I made a special adapter board for AD9851 so that I can supply smt chip pre-soldered for kit builder. Unless this is done, and unless minimum number of SMT parts are used, not everybody can assemble such kits

I have uploaded a picture of our recent test of antenna analyzer (PC Snap) which you will find in photo section of this group.

73s/Dinesh

--- In foxdelta@yahoogroups.com, Jan Servaites <jservaites@...> wrote:
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> a computerized antenna analyzer? Or maybe suggest a mini-VNA analyzer?
> No where are their any of these in a kit form yet.
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> foxdelta wrote:
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>

385. New file uploaded to foxdelta

Yahoo group: foxdelta
Date: 2012-05-13 10:03:43 UTC
From: foxdelta@yahoogroups.com
Topic: 273 Message: 385

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the foxdelta
group.

File : /SWR Analyzer project notes.pdf
Uploaded by : vu2fd <vu2fd@...>
Description : New Project: Antenna Analyzer info doc

You can access this file at the URL:
http://groups.yahoo.com/group/foxdelta/files/SWR%20Analyzer%20project%20notes.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

vu2fd <vu2fd@...>

386. Re: [foxdelta] Re: My SWM2 works great

Yahoo group: foxdelta
Date: 2012-05-13 15:28:50 UTC
From: Jan Servaites
Topic: 380 Message: 386

Dinesh,
This is really, really great news. I have collected a large amount of VNA documentation (all from the internet) with the hope of scratch building a VNA box myself. You may have found N2PK website?
http://n2pk.com/
Since he built one back in 2003-2004, that's a good place to start researching information.
Another tip would be to look at the "Zplots" Excel spreadsheet compatibility. Whoever wrote it is a genius, and notice that it can import various VNA data formats of commercial & homebuilt boxes. To be compatable with Zplots would be desirable too, besides the plotting software that you have developed, I think.
I have built a Softrock RX-II SDR board and yes, surface mount chips can become very aggravating to assemble. That was my first experience with SMT parts and I had to purchase a new adjustable temp $150 soldering iron & tips & 0.015" solder & magnifiers, but the softrock SDR worked beautifully after I built it. I think that's very cool technology.
The Dayton Hamvention is this weekend and I'll be visiting the vendor's booths learning more about SDR & VNA products. I see that the mini-VMA has a bluetooth interface to do remote testing. Thats a good idea too.
http://www.ssbusa.com/minivna.html

Jan

foxdelta wrote:

>
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> Hello Jan
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> Thank you for suggestion.
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> We have been working on many projects which includes antenna analyzer
> called AAZ-0911. This is almost completed and awaiting final tests by
> Frank. Firmware and PC software is hard work of Tony/I2TZK.
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> As you said, KITs are tough to make. Especially when SSOP, SOP or SOIC
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387. SWR Antenna Analyser

Yahoo group: foxdelta
Date: 2012-05-13 23:52:03 UTC
From: Jayson
Topic: 387 Message: 387

I just noticed that a new file has been uploaded which outlines the details of a SWR Antenna Analyser project.

Is this a kit that will be available for purchase through Fox Delta soon?

I had a hunt around on the Fox Delta web site but could not find any details on it.

388. R: Re: [foxdelta] Re: My SWM2 works great

Yahoo group: foxdelta
Date: 2012-05-13 15:57:06 UTC
From: i2tzk@fastwebnet.it
Topic: 388 Message: 388

Hi Jan
the antenna analyzer we are designin is based on a scalar network analyzer not a vector analyzer.
We choose this configuration because the target is to implement a cheap and easy to use assemble instrument.
Please have a look to the doc Dinesh uploaded.
First proto is already working, few improvments are still needed.

73's de Tony, i2tzk

>----Messaggio originale----
>Da: jservaites@...
>Data: 13/05/2012 17.28
>A: <foxdelta@yahoogroups.com>
>Ogg: Re: [foxdelta] Re: My SWM2 works great
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>> > > want
>> > > > some help, I could do the rewrite for you.
>> > > > I also started a eham review of the Fox Delta SWM2
>> > > > http://www.eham.net/reviews/detail/10447
>> > > > Jan N8CBX
>> > > >
>> > >
>> > >
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>
>----------
>
>Fox Delta Amateur Radio Projects & KitsYahoo! Groups Links
>
>
>

>

389. Re: SWR Antenna Analyser

Yahoo group: foxdelta
Date: 2012-05-14 01:42:10 UTC
From: foxdelta
Topic: 387 Message: 389

Hello

Yes, prototypes already tested.
Kits will be available soon. (Not yet released on web site)

Regards/Dinesh

--- In foxdelta@yahoogroups.com, "Jayson" <jay77@...> wrote:
>
> I just noticed that a new file has been uploaded which outlines the details of a SWR Antenna Analyser project.
>
> Is this a kit that will be available for purchase through Fox Delta soon?
>
> I had a hunt around on the Fox Delta web site but could not find any details on it.
>

390. Foxdelta Web Site

Yahoo group: foxdelta
Date: 2012-05-15 05:12:39 UTC
From: foxdelta
Topic: 390 Message: 390

Hello

Have been facing malaware/badware warning from browsers.
I have cleaned up web from any such stuff (which google found on some cms scripts) and have confirmed from the server handlers for the same.

Soon warning will be away, I hope so.

73s/Dinesh Gajjar

391. Fox Delta Web Site

Yahoo group: foxdelta
Date: 2012-05-15 13:41:10 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 96 Message: 391

Hello

http://www.foxdelta.com is now cleaned and working well.

73s/Dinesh

392. Re: Mini TNC

Yahoo group: foxdelta
Date: 2012-05-17 04:27:00 UTC
From: Dennis Rogers
Topic: 392 Message: 392
Attachments: 1 described; binary payloads are missing from this source WARC

First, I want to say I appreciate your research and the video is exactly the way to go. The
reason for that is the FD-MiniTNC requires a callsign and others parameters which are checked
by the software before it will transmit an APRS packet out. Therefore in this implementation or
your project here will not work properly for you unless the firmware for the MiniTNC is modified.

If you can obtain the hardware they used in the video then it would all fit the the Linksys Enclosure.
I have been into the code (asm) of the MiniTNC to allow v1.09 to accept both APRS and Packet Radio
transmissions. The code space left is not enough bytes to do much of anything. It would have to go
to a larger memory chip or modify the code and reduce it's routines. This can be done, but it would be
much better to go to a USB rather than RS-232C port these days. Not but the older computers have
a RS-232c port anymore.

Dennis, N5VRP
Deeply involved in most of the products at Foxdelta (ie. FD-Digi, MiniTNC, FV2-3, and others).
Some really nice kits have been released and more coming soon. Always check his website.

==========

On Mon, May 14, 2012 at 8:50 AM, Haraszti Werner RDS <hwerner@...>wrote:

> Dear Dennis,****
>
> ** **
>
> Thank you very much for your email.****
>
> Please apologies for my late reply, I was away in a business trip.****
>
> ** **
>
> The configuration that I intend to use is based on this Linksys router and
> a TNC.****
>
> I already re-flashed the router with OpenWRT software, and additionally

> installed a small version of APRX software.****
>
> This APRX software has all the necessary settings to run a Digipeater or
> an I-Gate, the only thing what is needed to have a functional unit is the
> hook-up a TNC in order to transform the received signals to packets.****
>
> I learned that the simplest way is to use a TNC with KISS mode only.****
>
> Here is a link for a similar project presentation posted on Youtube:
> http://www.youtube.com/watch?v=VZS0bdYmtik****
>
> In that case the used TNC is the OpenTracker TNC.****
>
> I am confused, because MiniTNC has all the parameters inside the PIC16F88
> and if I hook up the TNC with my router(APRX software) I don’t know how to
> configure the parameters on each unit.****
>
> ** **
>
> Just an example…if I put YO6OGW-10 into the MiniTNC than I don’t know what
> to write into the MiniTNC(because it has already the callsign defined)?***
> *
>
> ** **
>
> Or it can be that MiniTNC is not good for this configuration, and I need
> only a simplest modem, to have the packets converted… ****
>
> I made many years ago modems with TCM3105 and FX614 also, but in this case
> I am not sure if the APRX can communicate just with a simple modem via
> serial port.****
>
> ** **
>
> MiniTNC ****
>
> I am waiting for the printed circuit boards, as soon I receive them I will
> build the MiniTNC and try to see each possibility.****
>
> [image: MiniTNC_pcb.jpg]****
>
> ** **
>
> Best regards,****
>
> Werner, YO6OGW****
>
> ** **
>
> *From:* Dennis Rogers [mailto:n5vrp.satx@...]

> *Sent:* 1 mai 2012 05:00
> *To:* Haraszti Werner RDS
> *Subject:* Re: Mini TNC****
>
> ** **
>
> Werner,
>
> First, This is a very interesting project you are pursuing. I have
> the same routers and even better
> two D-Link routers which cover or can be placed in the Amateur Band. I am
> very familiar with OpenWRT
> software. Here is the root problem with the MiniTNC. It lacks enough
> memory left to add the firmware needed
> to handle the protocol of OpenWRT. Its callsign, path, btext message,
> longitude and latitude, beacon timer,
> alias, and other such configurations are embedded in the 16F88's flash
> memory. The MiniTNC operation will
> not do anything without these parameters set in its memory. You could with
> permission from the originating
> author strip out the GPS and other non essential routines to make room for
> the modifications, but better would
> be to go to a larger PIC chip and gain more memory. I made some mods to
> allow it to talk APRS and/or Packet.
> I had barely enough memory to make the changes.
>
> Secondly, your project would however open up remote internet nodes
> at remote sites to allow for igate
> and other digital modes to occur. This is an exciting project to pursue.
> This architecture of the 16F88 with the
> MX614 would allow this to occur given the above statements, but I would
> pursue the 18F2550/4520/4550 as an
> approach. The 18F4550 comes with a serial usart, I2C, SPI, USB ports along
> with plenty of memory. Not many
> changes in the code would be necessary between architectures. If you have
> routines to take the incoming packets
> to the MiniTNC from the WRT54 router and place them into the appropriate
> memory locations the MiniTNC firmware
> would not know the difference. In other words, the MiniTNC firmware can be
> modified, but the firmware now would
> not do with stripping the packet down and using the above parameters
> already stored in the MiniTNC's flash memory.
>
> I hope this helps. Comments. I help Dinesh and the others involved in
> Foxdelta testing kits and working on my own
> and others to bring inexpensive kiits to the hobbiest, students, and
> Amateur Radio Operators at cost of parts. I would
> be interested in helping some on the project.
>
> 73's Dennis, N5VRP

> I am retired Engineering Professional who like to pursue high-tech
> projects.****
>
> On Mon, Apr 30, 2012 at 5:40 AM, Haraszti Werner RDS <hwerner@...>
> wrote:****
>
> ****
>
> Dear Dennis,****
>
> ****
>
> My name is Werner Haraszti, my calsign is YO6OGW.****
>
> I just started to build your Mini TNC project, and I need your help.****
>
> I want to build an APRS i-Gate based on a wireless router and to hook up
> with the Mini TNC.****
>
> The first steps already finished, I choosed a router which is the
> Linksys(Cisco) WRT54GL, I installed the Linux based OpenWRT software.****
>
> OpenWRT allows the installation of APRX software and APRX runs on the
> router itself.****
>
> http://wiki.ham.fi/Aprx.en****
>
> The APRX already has a parameter or config file(possible to set the
> communication port, mycall, beacon…etc)****
>
> Now, I don't know how to write the parameters into the PIC16F88(myalias,
> unproto…)???****
>
> When I already have all parameters in the router itself, longitude and
> latitude, also how to define my callsign…?****
>
> Please take a look to my i-Gate, in this moment I have only the router
> alone without any TNC or radio hooked up.****
>
> http://aprs.fi/#!mt=roadmap&z=11&call=a%2FYO6OGW-10&timerange=3600<http://aprs.fi/#%21mt
=roadmap&z=11&call=a%2FYO6OGW-10&timerange=3600>
> ****
>
> ****
>
> I appreciate any help,****
>
> ****
>
> Thank you in advance,****

>
> Werner, YO6OGW****
>
> ****
>
> ****
>
> ****
>
>
>
>
> --
>
> Dennis, N5VRP
> n5vrp.satx@...
>
> ****
>

--

Dennis, N5VRP
n5vrp.satx@...

393. Foxtrak Basic Kits

Yahoo group: foxdelta
Date: 2012-05-23 13:40:23 UTC
From: foxdelta
Topic: 393 Message: 393

Hello

Foxtrak Basic kits are once again available with free powder coated cases.

Please visit project page at: http://www.foxdelta.com/products/foxtrak1.htm

or at shopping carts at:

http://www.foxdelta.com/shopping/ (Kits)

or

http://www.foxdelta.net/shopping/ (Kits and PCBs)

73s/Dinesh Gajjar

394. Re: [foxdelta] Foxtrak Basic Kits

Yahoo group: foxdelta
Date: 2012-05-23 20:27:44 UTC
From: Jan Servaites
Topic: 393 Message: 394

Dinesh,
I would REALLY like to purchase the Scalar Network Analyzer kit when its available. I will buy the first kit when you say its available.
Thanks,
Jan N8CBX

foxdelta wrote:

> Hello
>
> Foxtrak Basic kits are once again available with free powder coated cases.
>
> Please visit project page at:
> http://www.foxdelta.com/products/foxtrak1.htm
>
> or at shopping carts at:
>
> http://www.foxdelta.com/shopping/ (Kits)
>
> or
>
> http://www.foxdelta.net/shopping/ (Kits and PCBs)
>
> 73s/Dinesh Gajjar
>
>

395. USB Antenna Analyzer Kits

Yahoo group: foxdelta
Date: 2012-05-24 02:20:44 UTC
From: foxdelta
Topic: 393 Message: 395

Hello Jan

We are delayed on couple of projects where AD9851 is used. There were technical problems related to SSOP package soldering. This is solved by using an adapter which we can supplied with pre-soldered chip.

However, sourcing of this chip is still a problem. I hope we can clear it soon.

73s/Dinesh

--- In foxdelta@yahoogroups.com, Jan Servaites <jservaites@...> wrote:
>
> Dinesh,
> I would REALLY like to purchase the Scalar Network Analyzer kit when its
> available. I will buy the first kit when you say its available.
> Thanks,
> Jan N8CBX
>
> foxdelta wrote:
>
> > Hello
> >
> > Foxtrak Basic kits are once again available with free powder coated cases.
> >
> > Please visit project page at:
> > http://www.foxdelta.com/products/foxtrak1.htm
> >
> > or at shopping carts at:
> >
> > http://www.foxdelta.com/shopping/ (Kits)
> >
> > or
> >
> > http://www.foxdelta.net/shopping/ (Kits and PCBs)
> >
> > 73s/Dinesh Gajjar
> >
> >
>

396. how to connect a signal generator

Yahoo group: foxdelta
Date: 2012-05-29 13:17:45 UTC
From: space_51x
Topic: 396 Message: 396

Hello,

I am a novice. I own the PIC16F876A LCD RF Power Meter with Data Logger: PM3. I ordered it assembled. I am trying to connect a signal generator to make some test measurements, but I am getting nothing. What am I doing wrong?

Thanks

397. Re: how to connect a signal generator

Yahoo group: foxdelta
Date: 2012-05-29 13:57:33 UTC
From: foxdelta
Topic: 396 Message: 397

Hello

First let me know if you have installed AD8307s in sensor board?

Regards/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "space_51x" <space_51x@...> wrote:
>
> Hello,
>
> I am a novice. I own the PIC16F876A LCD RF Power Meter with Data Logger: PM3. I ordered it assembled. I am trying to connect a signal generator to make some test measurements, but I am getting nothing. What am I doing wrong?
>
> Thanks
>

398. Re: how to connect a signal generator

Yahoo group: foxdelta
Date: 2012-05-30 19:23:20 UTC
From: space_51x
Topic: 396 Message: 398

No, I haven't. I read about this online but it wasn't clear if it is included with the assembled kit or not.
How do I install them? I just plug them in?

Thanks

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
> Hello
>
> First let me know if you have installed AD8307s in sensor board?
>
> Regards/Dinesh Gajjar
>
>
>
> --- In foxdelta@yahoogroups.com, "space_51x" <space_51x@> wrote:
> >
> > Hello,
> >
> > I am a novice. I own the PIC16F876A LCD RF Power Meter with Data Logger: PM3. I ordered it assembled. I am trying to connect a signal generator to make some test measurements, but I am getting nothing. What am I doing wrong?
> >
> > Thanks
> >
>

399. Re: how to connect a signal generator

Yahoo group: foxdelta
Date: 2012-05-31 01:33:43 UTC
From: foxdelta
Topic: 396 Message: 399

Hello

Its mentioned in parts list and also on order form.
Yes, just install and its ready to work

Regards/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "space_51x" <space_51x@...> wrote:
>
> No, I haven't. I read about this online but it wasn't clear if it is included with the assembled kit or not.
> How do I install them? I just plug them in?
>
> Thanks
>
> --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@> wrote:
> >
> >
> >
> > Hello
> >
> > First let me know if you have installed AD8307s in sensor board?
> >
> > Regards/Dinesh Gajjar
> >
> >
> >
> > --- In foxdelta@yahoogroups.com, "space_51x" <space_51x@> wrote:
> > >
> > > Hello,
> > >
> > > I am a novice. I own the PIC16F876A LCD RF Power Meter with Data Logger: PM3. I ordered it assembled. I am trying to connect a signal generator to make some test measurements, but I am getting nothing. What am I doing wrong?
> > >
> > > Thanks
> > >
> >
>

400. Mini-TNC lats / longs

Yahoo group: foxdelta
Date: 2012-06-15 10:45:12 UTC
From: boofrmb2002
Topic: 400 Message: 400

Hi all.

In the process of setting up my mini-tnc to be used as a Digi repeater, most of the configuration is ok, but not sure about the BTEXT.

Been told that this is where your location is place, if not using a GPS.
Have looked around, and the lats / longs details that is used, I have never seen.

Here is an example: 2948.27S/ 15018.43S

Is this standard for the mini-tnc?

Regards

Robert

401. Re: [foxdelta] Mini-TNC lats / longs

Yahoo group: foxdelta
Date: 2012-06-16 02:16:51 UTC
From: Dennis Rogers
Topic: 400 Message: 401

No, sorry. Look at the document that I wrote last year on the foxdelta website.
The format has to be exactly as this or the MiniTNC will not accept it.

Have troubles after that send me your long./lat. and I will reply with the correction.
What you have here will not work.

Dennis

On Fri, Jun 15, 2012 at 5:45 AM, boofrmb2002 <rbaker@...> wrote:

> **
>
>
> Hi all.
>
> In the process of setting up my mini-tnc to be used as a Digi repeater,
> most of the configuration is ok, but not sure about the BTEXT.
>
> Been told that this is where your location is place, if not using a GPS.
> Have looked around, and the lats / longs details that is used, I have
> never seen.
>
> Here is an example: 2948.27S/ 15018.43S
>
> Is this standard for the mini-tnc?
>
> Regards
>
> Robert
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

402. Re: [foxdelta] Mini-TNC lats / longs

Yahoo group: foxdelta
Date: 2012-06-16 05:11:24 UTC
From: Dennis Rogers
Topic: 400 Message: 402

Try using below and substitute your long./lat. using the exact
format below.

BTEXT !3117.05N/09346.10W#APRS MiniTNC v1.09 Digi

After the '#" sign it can be any text as a comment.

Dennis

On Fri, Jun 15, 2012 at 5:45 AM, boofrmb2002 <rbaker@...> wrote:

> **
>
>
> Hi all.
>
> In the process of setting up my mini-tnc to be used as a Digi repeater,
> most of the configuration is ok, but not sure about the BTEXT.
>
> Been told that this is where your location is place, if not using a GPS.
> Have looked around, and the lats / longs details that is used, I have
> never seen.
>
> Here is an example: 2948.27S/ 15018.43S
>
> Is this standard for the mini-tnc?
>
> Regards
>
> Robert
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

403. RE: [foxdelta] Mini-TNC lats / longs

Yahoo group: foxdelta
Date: 2012-06-16 05:16:22 UTC
From: Robert
Topic: 400 Message: 403

Thanks dennis, have looked at the doco on the website.

It shows BTEXT !2217.05N/07046.10E# VU2FD etc etc.

What is this lat / long protocol.

Its not UTM, or DD, or DMS or even MD.

Rob

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of Dennis Rogers
Sent: Saturday, 16 June 2012 12:17 PM
To: foxdelta@yahoogroups.com
Subject: Re: [foxdelta] Mini-TNC lats / longs

No, sorry. Look at the document that I wrote last year on the foxdelta website.
The format has to be exactly as this or the MiniTNC will not accept it.

Have troubles after that send me your long./lat. and I will reply with the correction.
What you have here will not work.

Dennis

On Fri, Jun 15, 2012 at 5:45 AM, boofrmb2002 <rbaker@...> wrote:

Hi all.

In the process of setting up my mini-tnc to be used as a Digi repeater, most of the configuration is ok, but not sure about the BTEXT.

Been told that this is where your location is place, if not using a GPS.
Have looked around, and the lats / longs details that is used, I have never seen.

Here is an example: 2948.27S/ 15018.43S

Is this standard for the mini-tnc?

Regards

Robert

--

Dennis, N5VRP
n5vrp.satx@...

404. RE: [foxdelta] Mini-TNC lats / longs

Yahoo group: foxdelta
Date: 2012-06-16 06:53:34 UTC
From: Robert
Topic: 400 Message: 404

Thanks again Dennis, but that is no where near where the tnc is going to be located.

In Australia its will be South and East, Not north and west.

Rob

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of Dennis Rogers
Sent: Saturday, 16 June 2012 3:11 PM
To: foxdelta@yahoogroups.com
Subject: Re: [foxdelta] Mini-TNC lats / longs

Try using below and substitute your long./lat. using the exact

format below.

BTEXT !3117.05N/09346.10W#APRS MiniTNC v1.09 Digi

After the '#" sign it can be any text as a comment.

Dennis

On Fri, Jun 15, 2012 at 5:45 AM, boofrmb2002 <rbaker@...> wrote:

Hi all.

In the process of setting up my mini-tnc to be used as a Digi repeater, most of the configuration is ok, but not sure about the BTEXT.

Been told that this is where your location is place, if not using a GPS. Have looked around, and the lats / longs details that is used, I have never seen.

Here is an example: 2948.27S/ 15018.43S

Is this standard for the mini-tnc?

Regards

Robert

--

Dennis, N5VRP
n5vrp.satx@...

405. Re: Mini-TNC lats / longs

Yahoo group: foxdelta
Date: 2012-06-16 09:18:29 UTC
From: foxdelta
Topic: 400 Message: 405

Hello

Dennis has given an example of BTEXT string that you may use.

Make BTEXT with your own (or location that you want for aprs)Lat/Long and enter plain text after # of your choice.

Note that BTEXT for FoxDigi and Mini-TNC starts with ! and end with #

73s/Dinesh

--- In foxdelta@yahoogroups.com, "Robert" <rbaker@...> wrote:
>
>
>
> Thanks again Dennis, but that is no where near where the tnc is going to be
> located.
>
>
>
> In Australia its will be South and East, Not north and west.
>
>
>
> Rob
>
> From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf
> Of Dennis Rogers
> Sent: Saturday, 16 June 2012 3:11 PM
> To: foxdelta@yahoogroups.com
> Subject: Re: [foxdelta] Mini-TNC lats / longs
>
>
>
>
>
> Try using below and substitute your long./lat. using the exact
>
> format below.
>
>
>
> BTEXT !3117.05N/09346.10W#APRS MiniTNC v1.09 Digi
>
>
>

> After the '#" sign it can be any text as a comment.
>
>
>
>
>
> Dennis
>
>
>
> On Fri, Jun 15, 2012 at 5:45 AM, boofrmb2002 <rbaker@...> wrote:
>
>
>
> Hi all.
>
> In the process of setting up my mini-tnc to be used as a Digi repeater, most
> of the configuration is ok, but not sure about the BTEXT.
>
> Been told that this is where your location is place, if not using a GPS.
> Have looked around, and the lats / longs details that is used, I have never
> seen.
>
> Here is an example: 2948.27S/ 15018.43S
>
> Is this standard for the mini-tnc?
>
> Regards
>
> Robert
>
>
>
>
>
>
>
> --
>
> Dennis, N5VRP
> n5vrp.satx@...
>

406. RE: [foxdelta] Re: Mini-TNC lats / longs

Yahoo group: foxdelta
Date: 2012-06-16 10:19:48 UTC
From: Robert
Topic: 400 Message: 406

Thanks, so I can use DD, or UTM, great

Rob

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf
Of foxdelta
Sent: Saturday, 16 June 2012 7:18 PM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Re: Mini-TNC lats / longs

Hello

Dennis has given an example of BTEXT string that you may use.

Make BTEXT with your own (or location that you want for aprs)Lat/Long and
enter plain text after # of your choice.

Note that BTEXT for FoxDigi and Mini-TNC starts with ! and end with #

73s/Dinesh

--- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com> ,
"Robert" <rbaker@...> wrote:
>
>
>
> Thanks again Dennis, but that is no where near where the tnc is going to
be
> located.
>
>
>
> In Australia its will be South and East, Not north and west.
>
>
>
> Rob
>
> From: foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>
[mailto:foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>] On
Behalf
> Of Dennis Rogers
> Sent: Saturday, 16 June 2012 3:11 PM
> To: foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>
> Subject: Re: [foxdelta] Mini-TNC lats / longs
>
>

>
>
>
> Try using below and substitute your long./lat. using the exact
>
> format below.
>
>
>
> BTEXT !3117.05N/09346.10W#APRS MiniTNC v1.09 Digi
>
>
>
> After the '#" sign it can be any text as a comment.
>
>
>
>
>
> Dennis
>
>
>
> On Fri, Jun 15, 2012 at 5:45 AM, boofrmb2002 <rbaker@...> wrote:
>
>
>
> Hi all.
>
> In the process of setting up my mini-tnc to be used as a Digi repeater,
most
> of the configuration is ok, but not sure about the BTEXT.
>
> Been told that this is where your location is place, if not using a GPS.
> Have looked around, and the lats / longs details that is used, I have
never
> seen.
>
> Here is an example: 2948.27S/ 15018.43S
>
> Is this standard for the mini-tnc?
>
> Regards
>
> Robert
>
>
>
>
>

```
>
>
> --
>
> Dennis, N5VRP
> n5vrp.satx@...
>
```

407. Re: Mini-TNC lats / longs

Yahoo group: foxdelta
Date: 2012-06-19 22:07:18 UTC
From: w4ski_1
Topic: 400 Message: 407

Rob:

I am pretty sure that the format is degrees and minutes, with minutes represented as mm.hh, representing minutes and hundredths of minutes.

In my dealings with Foxview3, which I understand uses very similar TNC firmware, I xheated a bit to xome up with a functional BTEXT string. I fired up a TinyTrak 3 with a GPS receiver and radio, and copied the beacon text it generated from aprs.fi.

73 de W4SKI

--- In foxdelta@yahoogroups.com, "Robert" <rbaker@...> wrote:
>
> Thanks dennis, have looked at the doco on the website.
>
>
>
> It shows BTEXT !2217.05N/07046.10E# VU2FD etc etc.
>
>
>
> What is this lat / long protocol.
>
>
>
> Its not UTM, or DD, or DMS or even MD.
>
>
>
> Rob

408. Re: [foxdelta] Mini-TNC lats / longs

Yahoo group: foxdelta
Date: 2012-06-17 06:54:15 UTC
From: Dennis Rogers
Topic: 400 Message: 408

It is !DDMM.SSN/DDDMM.SSE where DD=degrees,MM=Mins, and SS=Secs.
All after '#' is comments.

Dennis

On Sat, Jun 16, 2012 at 12:16 AM, Robert <rbaker@...> wrote:

> **
>
>
> Thanks dennis, have looked at the doco on the website.****
>
> ** **
>
> It shows BTEXT !2217.05N/07046.10E# VU2FD etc etc.****
>
> ** **
>
> What is this lat / long protocol.****
>
> ** **
>
> Its not UTM, or DD, or DMS or even MD.****
>
> ** **
>
> Rob****
>
> *From:* foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] *On
> Behalf Of *Dennis Rogers
> *Sent:* Saturday, 16 June 2012 12:17 PM
> *To:* foxdelta@yahoogroups.com
> *Subject:* Re: [foxdelta] Mini-TNC lats / longs****
>
> ** **
>
> ****
>
> No, sorry. Look at the document that I wrote last year on the foxdelta
> website.
> The format has to be exactly as this or the MiniTNC will not accept it.
>
> Have troubles after that send me your long./lat. and I will reply with the
> correction.
> What you have here will not work.
>

> Dennis****
>
> On Fri, Jun 15, 2012 at 5:45 AM, boofrmb2002 <rbaker@...> wrote:**
> **
>
> ****
>
> Hi all.
>
> In the process of setting up my mini-tnc to be used as a Digi repeater,
> most of the configuration is ok, but not sure about the BTEXT.
>
> Been told that this is where your location is place, if not using a GPS.
> Have looked around, and the lats / longs details that is used, I have
> never seen.
>
> Here is an example: 2948.27S/ 15018.43S
>
> Is this standard for the mini-tnc?
>
> Regards
>
> Robert****
>
>
>
>
> --
>
> Dennis, N5VRP
> n5vrp.satx@gmail.com
>
> ****
>
> ****
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

409. Re: how to connect a signal generator

Yahoo group: foxdelta
Date: 2012-06-16 18:56:23 UTC
From: space_51x
Topic: 396 Message: 409

OK. I just installed them, but one of them is getting really hot. Is it normal?

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
> Hello
>
> Its mentioned in parts list and also on order form.
> Yes, just install and its ready to work
>
> Regards/Dinesh Gajjar
>
> --- In foxdelta@yahoogroups.com, "space_51x" <space_51x@> wrote:
> >
> > No, I haven't. I read about this online but it wasn't clear if it is included with the assembled kit or not.
> > How do I install them? I just plug them in?
> >
> > Thanks
> >
> > --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@> wrote:
> > >
> > >
> > >
> > > Hello
> > >
> > > First let me know if you have installed AD8307s in sensor board?
> > >
> > > Regards/Dinesh Gajjar
> > >
> > >
> > >
> > > --- In foxdelta@yahoogroups.com, "space_51x" <space_51x@> wrote:
> > > >
> > > > Hello,
> > > >
> > > > I am a novice. I own the PIC16F876A LCD RF Power Meter with Data Logger: PM3. I ordered it assembled. I am trying to connect a signal generator to make some test measurements, but I am getting nothing. What am I doing wrong?
> > > >
> > > > Thanks
> > > >
> > >
> >
>

410. Re: [foxdelta] Mini-TNC lats / longs

Yahoo group: foxdelta
Date: 2012-06-20 18:01:22 UTC
From: Dennis Rogers
Topic: 400 Message: 410

You have 2 'S' is one problem.
Example:

*BTEXT !3117.05N/09346.10W#APRS MiniTNC v1.09 Digi

Dennis
*

On Fri, Jun 15, 2012 at 5:45 AM, boofrmb2002 <rbaker@...> wrote:

> **
>
>
> Hi all.
>
> In the process of setting up my mini-tnc to be used as a Digi repeater,
> most of the configuration is ok, but not sure about the BTEXT.
>
> Been told that this is where your location is place, if not using a GPS.
> Have looked around, and the lats / longs details that is used, I have
> never seen.
>
> Here is an example: 2948.27S/ 15018.43S
>
> Is this standard for the mini-tnc?
>
> Regards
>
> Robert
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

411. Re: Mini-TNC lats / longs

Yahoo group: foxdelta
Date: 2012-06-22 05:49:50 UTC
From: w4ski_1
Topic: 400 Message: 411

Rob:

I am pretty sure that the format is degrees and minutes, with minutes represented as mm.hh, representing minutes and hundredths of minutes.

In my dealings with Foxview3, which I understand uses very similar TNC firmware, I xheated a bit to xome up with a functional BTEXT string. I fired up a TinyTrak 3 with a GPS receiver and radio, and copied the beacon text it generated from aprs.fi.

73 de W4SKI

--- In foxdelta@yahoogroups.com, "Robert" <rbaker@...> wrote:
>
> Thanks dennis, have looked at the doco on the website.
>
>
>
> It shows BTEXT !2217.05N/07046.10E# VU2FD etc etc.
>
>
>
> What is this lat / long protocol.
>
>
>
> Its not UTM, or DD, or DMS or even MD.
>
>
>
> Rob

412. Mini TNC setup problem

Yahoo group: foxdelta
Date: 2012-06-24 01:16:28 UTC
From: kc0mlt
Topic: 412 Message: 412

Hello all,

I just purchased and built a mini-TNC. After completion I hooked up the cables for power and computer, and ran a terminal program. When I turn on the mini-TNC the power LED and the RX LED come on. Is this normal? In the terminal window the initial text comes up with the cmd: under it. My issue is that I can not type anything after the cmd prompt. It just starts scrolling and the phrase "watch dog timer failure" comes up repeatedly. If I start hitting random keys on the keyboard sometimes it will stop and let me enter text. After I get to enter HELP it will not accept the enter key and come up with a ? then starts to scroll again.

What have I done wrong in building this to have this issue happen? What can I do to correct this?

Thanks in advance!

Wade
KC0MLT

413. Re: [foxdelta] Mini TNC setup problem

Yahoo group: foxdelta
Date: 2012-06-24 02:32:11 UTC
From: Dennis Rogers
Topic: 412 Message: 413

First, let me ask which terminal program are you using?
Second, what version of the firmware are you using?
It looks to me to be a baud rate issue.
Try using 4800 baud rate, 8 bits, no parity, and 1 stop bit.
If not good results, try using 9600 baud rate.

Let me know your results.
Terra Term is good to use as it does not send any INIT STRING
characters. Hyperterminal does the same.

I would recommend v1.09 if you have a programmer (PIC).

Dennis

On Sat, Jun 23, 2012 at 8:16 PM, kc0mlt <kc0mlt@...> wrote:

> **
>
>
> Hello all,
>
> I just purchased and built a mini-TNC. After completion I hooked up the
> cables for power and computer, and ran a terminal program. When I turn on
> the mini-TNC the power LED and the RX LED come on. Is this normal? In the
> terminal window the initial text comes up with the cmd: under it. My issue
> is that I can not type anything after the cmd prompt. It just starts
> scrolling and the phrase "watch dog timer failure" comes up repeatedly. If
> I start hitting random keys on the keyboard sometimes it will stop and let
> me enter text. After I get to enter HELP it will not accept the enter key
> and come up with a ? then starts to scroll again.
>
> What have I done wrong in building this to have this issue happen? What
> can I do to correct this?
>
> Thanks in advance!
>
> Wade
> KC0MLT
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

414. Re: Mini TNC setup problem

Yahoo group: foxdelta
Date: 2012-06-24 20:17:08 UTC
From: kc0mlt
Topic: 412 Message: 414

I use Tera Term VT and have also tried Putty. I don't have Hyperterminal on my computer, nor can I add it for some reason. If someone would send it I would greatly prefer using it.

My firmware version is 1.09 and I ordered the 9600 baud rate package. I have tried using the 4800 baud rate. All I got were really strange characters. Could the PIC IC have an issue?? or possibly the 232 chip? I'm just stabbing at possibilities right now.

Thanks
Wade

--- In foxdelta@yahoogroups.com, Dennis Rogers <n5vrp.satx@...> wrote:
>
> First, let me ask which terminal program are you using?
> Second, what version of the firmware are you using?
> It looks to me to be a baud rate issue.
> Try using 4800 baud rate, 8 bits, no parity, and 1 stop bit.
> If not good results, try using 9600 baud rate.
>
> Let me know your results.
> Terra Term is good to use as it does not send any INIT STRING
> characters. Hyperterminal does the same.
>
> I would recommend v1.09 if you have a programmer (PIC).
>
> Dennis
>
>
> On Sat, Jun 23, 2012 at 8:16 PM, kc0mlt <kc0mlt@...> wrote:
>
> > **
> >
> >
> > Hello all,
> >
> > I just purchased and built a mini-TNC. After completion I hooked up the
> > cables for power and computer, and ran a terminal program. When I turn on
> > the mini-TNC the power LED and the RX LED come on. Is this normal? In the
> > terminal window the initial text comes up with the cmd: under it. My issue
> > is that I can not type anything after the cmd prompt. It just starts
> > scrolling and the phrase "watch dog timer failure" comes up repeatedly. If
> > I start hitting random keys on the keyboard sometimes it will stop and let
> > me enter text. After I get to enter HELP it will not accept the enter key
> > and come up with a ? then starts to scroll again.
> >
> > What have I done wrong in building this to have this issue happen? What
> > can I do to correct this?

> >
> > Thanks in advance!
> >
> > Wade
> > KC0MLT
> >
> >
> >
>
>
>
> --
>
> Dennis, N5VRP
> n5vrp.satx@...
>

415. Re: [foxdelta] Re: Mini TNC setup problem

Yahoo group: foxdelta
Date: 2012-06-25 07:06:00 UTC
From: Dennis Rogers
Topic: 412 Message: 415

Ok. Terra Term is ok to use.
N5VRP-5 is a MiniTNC/Foxdigi using v1.09 (9600) version.
Are you sure you wired the TX/RX lines properly?
4800 baud would give you crazy characters on the display.
If you received the "CMD:" prompt the TX/RX lines should be ok.
It is waiting for a character or key from the keyboard at this point so
somewhere it is thinking a key on the keyboard is stuck or the Terra Term
program is configured wrong and throwing out characters. I use Terra Term
v1.23 Free Version. Check your settings there.

Let me know those settings for the COMM port and Terminal.
It could be throwing out CR's or LF's (carriage returns or linefeeds).

==========

On Sun, Jun 24, 2012 at 3:17 PM, kc0mlt <kc0mlt@yahoo.com> wrote:

> **
>
>
> I use Tera Term VT and have also tried Putty. I don't have Hyperterminal
> on my computer, nor can I add it for some reason. If someone would send it
> I would greatly prefer using it.
>
> My firmware version is 1.09 and I ordered the 9600 baud rate package. I
> have tried using the 4800 baud rate. All I got were really strange
> characters. Could the PIC IC have an issue?? or possibly the 232 chip? I'm
> just stabbing at possibilities right now.
>
> Thanks
> Wade
>
>
> --- In foxdelta@yahoogroups.com, Dennis Rogers <n5vrp.satx@...> wrote:
> >
> > First, let me ask which terminal program are you using?
> > Second, what version of the firmware are you using?
> > It looks to me to be a baud rate issue.
> > Try using 4800 baud rate, 8 bits, no parity, and 1 stop bit.
> > If not good results, try using 9600 baud rate.
> >
> > Let me know your results.
> > Terra Term is good to use as it does not send any INIT STRING
> > characters. Hyperterminal does the same.
> >
> > I would recommend v1.09 if you have a programmer (PIC).

> >
> > Dennis
> >
> >
> > On Sat, Jun 23, 2012 at 8:16 PM, kc0mlt <kc0mlt@...> wrote:
> >
> > > **
>
> > >
> > >
> > > Hello all,
> > >
> > > I just purchased and built a mini-TNC. After completion I hooked up the
> > > cables for power and computer, and ran a terminal program. When I turn
> on
> > > the mini-TNC the power LED and the RX LED come on. Is this normal? In
> the
> > > terminal window the initial text comes up with the cmd: under it. My
> issue
> > > is that I can not type anything after the cmd prompt. It just starts
> > > scrolling and the phrase "watch dog timer failure" comes up
> repeatedly. If
> > > I start hitting random keys on the keyboard sometimes it will stop and
> let
> > > me enter text. After I get to enter HELP it will not accept the enter
> key
> > > and come up with a ? then starts to scroll again.
> > >
> > > What have I done wrong in building this to have this issue happen? What
> > > can I do to correct this?
> > >
> > > Thanks in advance!
> > >
> > > Wade
> > > KC0MLT
> > >
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> >
> >
> > --
> >
> > Dennis, N5VRP
> > n5vrp.satx@...
> >
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

416. Re: Mini TNC setup problem

Yahoo group: foxdelta
Date: 2012-06-25 16:23:37 UTC
From: kc0mlt
Topic: 412 Message: 416

I will get the Comm port and Terminal settings for you when I get home. What do you mean about the TX/RX lines? Do i have to have the radio hooked up to program the TNC? Or are you talking about the serial cable from the computer to the TNC? This serial cable has worked to program a couple PIC based controllers in the past just fine with the putty program.

Wade

--- In foxdelta@yahoogroups.com, Dennis Rogers <n5vrp.satx@...> wrote:
>
> Ok. Terra Term is ok to use.
> N5VRP-5 is a MiniTNC/Foxdigi using v1.09 (9600) version.
> Are you sure you wired the TX/RX lines properly?
> 4800 baud would give you crazy characters on the display.
> If you received the "CMD:" prompt the TX/RX lines should be ok.
> It is waiting for a character or key from the keyboard at this point so
> somewhere it is thinking a key on the keyboard is stuck or the Terra Term
> program is configured wrong and throwing out characters. I use Terra Term
> v1.23 Free Version. Check your settings there.
>
> Let me know those settings for the COMM port and Terminal.
> It could be throwing out CR's or LF's (carriage returns or linefeeds).
>
>
> ==========
>
> On Sun, Jun 24, 2012 at 3:17 PM, kc0mlt <kc0mlt@...> wrote:
>
> > **
> >
> >
> > I use Tera Term VT and have also tried Putty. I don't have Hyperterminal
> > on my computer, nor can I add it for some reason. If someone would send it
> > I would greatly prefer using it.
> >
> > My firmware version is 1.09 and I ordered the 9600 baud rate package. I
> > have tried using the 4800 baud rate. All I got were really strange
> > characters. Could the PIC IC have an issue?? or possibly the 232 chip? I'm
> > just stabbing at possibilities right now.
> >
> > Thanks
> > Wade
> >
> >
> > --- In foxdelta@yahoogroups.com, Dennis Rogers <n5vrp.satx@> wrote:
> > >

> > > First, let me ask which terminal program are you using?
> > > Second, what version of the firmware are you using?
> > > It looks to me to be a baud rate issue.
> > > Try using 4800 baud rate, 8 bits, no parity, and 1 stop bit.
> > > If not good results, try using 9600 baud rate.
> > >
> > > Let me know your results.
> > > Terra Term is good to use as it does not send any INIT STRING
> > > characters. Hyperterminal does the same.
> > >
> > > I would recommend v1.09 if you have a programmer (PIC).
> > >
> > > Dennis
> > >
> > >
> > > On Sat, Jun 23, 2012 at 8:16 PM, kc0mlt <kc0mlt@> wrote:
> > >
> > > > **
> >
> > > >
> > > >
> > > > Hello all,
> > > >
> > > > I just purchased and built a mini-TNC. After completion I hooked up the
> > > > cables for power and computer, and ran a terminal program. When I turn
> > on
> > > > the mini-TNC the power LED and the RX LED come on. Is this normal? In
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> > > > terminal window the initial text comes up with the cmd: under it. My
> > issue
> > > > is that I can not type anything after the cmd prompt. It just starts
> > > > scrolling and the phrase "watch dog timer failure" comes up
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> > > > I start hitting random keys on the keyboard sometimes it will stop and
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> > > > me enter text. After I get to enter HELP it will not accept the enter
> > key
> > > > and come up with a ? then starts to scroll again.
> > > >
> > > > What have I done wrong in building this to have this issue happen? What
> > > > can I do to correct this?
> > > >
> > > > Thanks in advance!
> > > >
> > > > Wade
> > > > KC0MLT
> > > >
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> > >

```
> > >
> > >
> > > --
> > >
> > > Dennis, N5VRP
> > > n5vrp.satx@
> > >
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>
>
> --
>
> Dennis, N5VRP
> n5vrp.satx@...
>
```

417. Re: [foxdelta] Re: Mini TNC setup problem

Yahoo group: foxdelta
Date: 2012-06-25 18:38:10 UTC
From: Dennis Rogers
Topic: 412 Message: 417

No, you do not have to have a radio connected to program the
MiniTNC. The TX/RX lines are RS232 TX Data and RX data coming
from and to the computer to program the MiniTNC at 9600 baud
8 bits, no parity, and 1 stop bit. Yes the serial cable.

It is not the PIC or 232 chips if you get the signon message
and the "CMD:" prompt.

I looks to me to be settings in TerraTerm. Sometimes NULL Modem adapters
are needed on serial ports to reverse the TX/RX
lines described above. In the paragraph above is working, then the
problem is TerraTerm settings.

Dennis

On Mon, Jun 25, 2012 at 11:23 AM, kc0mlt <kc0mlt@...> wrote:

> **
>
>
> I will get the Comm port and Terminal settings for you when I get home.
> What do you mean about the TX/RX lines? Do i have to have the radio hooked
> up to program the TNC? Or are you talking about the serial cable from the
> computer to the TNC? This serial cable has worked to program a couple PIC
> based controllers in the past just fine with the putty program.
>
> Wade
>
> --- In foxdelta@yahoogroups.com, Dennis Rogers <n5vrp.satx@...> wrote:
> >
> > Ok. Terra Term is ok to use.
> > N5VRP-5 is a MiniTNC/Foxdigi using v1.09 (9600) version.
> > Are you sure you wired the TX/RX lines properly?
> > 4800 baud would give you crazy characters on the display.
> > If you received the "CMD:" prompt the TX/RX lines should be ok.
> > It is waiting for a character or key from the keyboard at this point so
> > somewhere it is thinking a key on the keyboard is stuck or the Terra Term
> > program is configured wrong and throwing out characters. I use Terra Term
> > v1.23 Free Version. Check your settings there.
> >
> > Let me know those settings for the COMM port and Terminal.
> > It could be throwing out CR's or LF's (carriage returns or linefeeds).
> >
> >
> > ==========
> >

> > On Sun, Jun 24, 2012 at 3:17 PM, kc0mlt <kc0mlt@...> wrote:
> >
> > > **
>
> > >
> > >
> > > I use Tera Term VT and have also tried Putty. I don't have
> Hyperterminal
> > > on my computer, nor can I add it for some reason. If someone would
> send it
> > > I would greatly prefer using it.
> > >
> > > My firmware version is 1.09 and I ordered the 9600 baud rate package. I
> > > have tried using the 4800 baud rate. All I got were really strange
> > > characters. Could the PIC IC have an issue?? or possibly the 232 chip?
> I'm
> > > just stabbing at possibilities right now.
> > >
> > > Thanks
> > > Wade
> > >
> > >
> > > --- In foxdelta@yahoogroups.com, Dennis Rogers <n5vrp.satx@> wrote:
> > > >
> > > > First, let me ask which terminal program are you using?
> > > > Second, what version of the firmware are you using?
> > > > It looks to me to be a baud rate issue.
> > > > Try using 4800 baud rate, 8 bits, no parity, and 1 stop bit.
> > > > If not good results, try using 9600 baud rate.
> > > >
> > > > Let me know your results.
> > > > Terra Term is good to use as it does not send any INIT STRING
> > > > characters. Hyperterminal does the same.
> > > >
> > > > I would recommend v1.09 if you have a programmer (PIC).
> > > >
> > > > Dennis
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> > > >
> > > > On Sat, Jun 23, 2012 at 8:16 PM, kc0mlt <kc0mlt@> wrote:
> > > >
> > > > > **
> > >
> > > > >
> > > > >
> > > > > Hello all,
> > > > >
> > > > > I just purchased and built a mini-TNC. After completion I hooked
> up the
> > > > > cables for power and computer, and ran a terminal program. When I

> turn
> > > on
> > > > > the mini-TNC the power LED and the RX LED come on. Is this normal?
> In
> > > the
> > > > > terminal window the initial text comes up with the cmd: under it.
> My
> > > issue
> > > > > is that I can not type anything after the cmd prompt. It just
> starts
> > > > > scrolling and the phrase "watch dog timer failure" comes up
> > > repeatedly. If
> > > > > I start hitting random keys on the keyboard sometimes it will stop
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> > > let
> > > > > me enter text. After I get to enter HELP it will not accept the
> enter
> > > key
> > > > > and come up with a ? then starts to scroll again.
> > > > >
> > > > > What have I done wrong in building this to have this issue happen?
> What
> > > > > can I do to correct this?
> > > > >
> > > > > Thanks in advance!
> > > > >
> > > > > Wade
> > > > > KC0MLT
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> > > > >
> > > > >
> > > >
> > > >
> > > >
> > > > --
> > > >
> > > > Dennis, N5VRP
> > > > n5vrp.satx@
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> > --
> >
> > Dennis, N5VRP
> > n5vrp.satx@...
> >

>
>
>

--

Dennis, N5VRP
n5vrp.satx@gmail.com

418. Re: Mini TNC setup problem

Yahoo group: foxdelta
Date: 2012-06-25 21:17:33 UTC
From: kc0mlt
Topic: 412 Message: 418

The COM1 port settings are 9600 baud, 8 bit, parity = none, Stop bit 1, flow control none.

I have tried to see what happens when I change the flow control and other settings and nothing seems to work. It just appears to be keyboard deaf.

I thought I read somewhere on the FoxDelta site that this TNC didn't need a null modem. I am not familiar with those.

Wade

--- In foxdelta@yahoogroups.com, Dennis Rogers <n5vrp.satx@...> wrote:
>
> No, you do not have to have a radio connected to program the
> MiniTNC. The TX/RX lines are RS232 TX Data and RX data coming
> from and to the computer to program the MiniTNC at 9600 baud
> 8 bits, no parity, and 1 stop bit. Yes the serial cable.
>
> It is not the PIC or 232 chips if you get the signon message
> and the "CMD:" prompt.
>
> I looks to me to be settings in TerraTerm. Sometimes NULL Modem adapters
> are needed on serial ports to reverse the TX/RX
> lines described above. In the paragraph above is working, then the
> problem is TerraTerm settings.
>
> Dennis
>
>
> On Mon, Jun 25, 2012 at 11:23 AM, kc0mlt <kc0mlt@...> wrote:
>
> > **
> >
> >
> > I will get the Comm port and Terminal settings for you when I get home.
> > What do you mean about the TX/RX lines? Do i have to have the radio hooked
> > up to program the TNC? Or are you talking about the serial cable from the
> > computer to the TNC? This serial cable has worked to program a couple PIC
> > based controllers in the past just fine with the putty program.
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> > Wade
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419. Re: Mini TNC setup problem

Yahoo group: foxdelta
Date: 2012-06-25 21:56:04 UTC
From: kc0mlt
Topic: 412 Message: 419

Ok, I just went out and found a null modem and tried that. I didn't even get the sign on message or cmd:. I think I will look for some other terminal programs as I wait to hear back form you.

Wade

--- In foxdelta@yahoogroups.com, Dennis Rogers <n5vrp.satx@...> wrote:
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> MiniTNC. The TX/RX lines are RS232 TX Data and RX data coming
> from and to the computer to program the MiniTNC at 9600 baud
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> and the "CMD:" prompt.
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> I looks to me to be settings in TerraTerm. Sometimes NULL Modem adapters
> are needed on serial ports to reverse the TX/RX
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420. Re: Mini TNC setup problem

Yahoo group: foxdelta
Date: 2012-06-26 01:53:23 UTC
From: n5vrp
Topic: 412 Message: 420

Then it can not be the TX/RX data lines reversed.
Try to find a very simple terminal program.
One that does Not output an init string for phone modem or
other tnc modem use.

No flow control on the terminal program should be needed.
The TX and RX Leds should not be lighted until data goes in/out
of the tnc serial port. The POWER led should be the only lighted
led. When you depress any key the RX led should blink each time
you depress a key. The TX led should only light when it transmits data
or a beacon message.

The signon message and cmd: should be display when powered up one time. It should wait for
a command up to approx. a minute if you type
the command in, then wait for a CR (carriage return). It will come back with "?" if illegal
command or "OK" if valid command. If "OK" comes back and no other settings desired then
enter "PERM" to store
the changes.

Dennis

--- In foxdelta@yahoogroups.com, "kc0mlt" <kc0mlt@...> wrote:
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> Ok, I just went out and found a null modem and tried that. I didn't even get the sign on
message or cmd:. I think I will look for some other terminal programs as I wait to hear
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421. Mini TNC setup problem -NM

Yahoo group: foxdelta
Date: 2012-06-26 01:42:26 UTC
From: foxdelta
Topic: 412 Message: 421

Hello Wade

Null modem is not required for Mini-TNC. Just use a standard serial cable to configure.

73s/Dinesh

--- In foxdelta@yahoogroups.com, "kc0mlt" <kc0mlt@...> wrote:
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422. Re: Mini TNC setup problem

Yahoo group: foxdelta
Date: 2012-06-26 04:14:01 UTC
From: kc0mlt
Topic: 412 Message: 422

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Also, if I got the wrong parts I wonder if anyone else received the wrong ones?

Please let me know if I have the wrong ones so I can get them swapped out.

Wade

--- In foxdelta@yahoogroups.com, "n5vrp" <n5vrp.satx@...> wrote:
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> Try to find a very simple terminal program.
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423. Re: Mini TNC setup problem

Yahoo group: foxdelta
Date: 2012-06-28 11:16:22 UTC
From: kc0mlt
Topic: 412 Message: 423

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424. Re: [foxdelta] Re: Mini TNC setup problem

Yahoo group: foxdelta
Date: 2012-06-28 13:20:39 UTC
From: Frank Dziurda
Topic: 412 Message: 424

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> > > > > > > > I use Tera Term VT and have also tried Putty. I don't have
> > > > > > Hyperterminal
> > > > > > > > on my computer, nor can I add it for some reason. If

> someone would
> > > > > > send it
> > > > > > > > > I would greatly prefer using it.
> > > > > > > > >
> > > > > > > > > My firmware version is 1.09 and I ordered the 9600 baud
> rate package. I
> > > > > > > > > have tried using the 4800 baud rate. All I got were
> really strange
> > > > > > > > > characters. Could the PIC IC have an issue?? or possibly
> the 232 chip?
> > > > > > > I'm
> > > > > > > > > just stabbing at possibilities right now.
> > > > > > > > >
> > > > > > > > > Thanks
> > > > > > > > > Wade
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > --- In foxdelta@yahoogroups.com
> <mailto:foxdelta%40yahoogroups.com>, Dennis Rogers <n5vrp.satx@> wrote:
> > > > > > > > >
> > > > > > > > > First, let me ask which terminal program are you using?
> > > > > > > > > Second, what version of the firmware are you using?
> > > > > > > > > It looks to me to be a baud rate issue.
> > > > > > > > > Try using 4800 baud rate, 8 bits, no parity, and 1
> stop bit.
> > > > > > > > > If not good results, try using 9600 baud rate.
> > > > > > > > >
> > > > > > > > > Let me know your results.
> > > > > > > > > Terra Term is good to use as it does not send any INIT
> STRING
> > > > > > > > > characters. Hyperterminal does the same.
> > > > > > > > >
> > > > > > > > > I would recommend v1.09 if you have a programmer (PIC).
> > > > > > > > >
> > > > > > > > > Dennis
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > On Sat, Jun 23, 2012 at 8:16 PM, kc0mlt <kc0mlt@> wrote:
> > > > > > > > >
> > > > > > > > > **
> > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > Hello all,
> > > > > > > > >
> > > > > > > > > I just purchased and built a mini-TNC. After
> completion I hooked
> > > > > > up the
> > > > > > > > > cables for power and computer, and ran a terminal
> program. When I

> > > > > > turn
> > > > > > > > on
> > > > > > > > > > the mini-TNC the power LED and the RX LED come on.
> Is this normal?
> > > > > > In
> > > > > > > > the
> > > > > > > > > > terminal window the initial text comes up with the
> cmd: under it.
> > > > > > My
> > > > > > > > issue
> > > > > > > > > > is that I can not type anything after the cmd
> prompt. It just
> > > > > > starts
> > > > > > > > > > scrolling and the phrase "watch dog timer failure"
> comes up
> > > > > > > > repeatedly. If
> > > > > > > > > > I start hitting random keys on the keyboard
> sometimes it will stop
> > > > > > and
> > > > > > > > let
> > > > > > > > > > me enter text. After I get to enter HELP it will not
> accept the
> > > > > > enter
> > > > > > > > key
> > > > > > > > > > and come up with a ? then starts to scroll again.
> > > > > > > > >
> > > > > > > > > > What have I done wrong in building this to have this
> issue happen?
> > > > > > What
> > > > > > > > > > can I do to correct this?
> > > > > > > > >
> > > > > > > > > > Thanks in advance!
> > > > > > > > >
> > > > > > > > > > Wade
> > > > > > > > > > KC0MLT
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > > --
> > > > > > > > >
> > > > > > > > > > Dennis, N5VRP
> > > > > > > > > > n5vrp.satx@
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > > >
> > > > > > > >

```
> > > > > > >
> > > > > > >
> > > > > > > --
> > > > > > >
> > > > > > > > Dennis, N5VRP
> > > > > > > > n5vrp.satx@
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> > > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > --
> > > > > >
> > > > > > > Dennis, N5VRP
> > > > > > > n5vrp.satx@
> > > > > > >
> > > > >
> > >
>
>
```

425. USB Antenna Analyzer Project

Yahoo group: foxdelta
Date: 2012-06-28 16:25:13 UTC
From: foxdelta
Topic: 425 Message: 425

Hello

A new interesting project: "Antenna Analyzer" using PIC18F2550/2553 is uploaded.

Project features are:

USB Powered
AD9851 used for Signal Generation
AD8307 for Detector
Resistive return loss bridge.
PIC Firmware and PC software by Tony / I2TZK (http://www.i2tzk.com)

Kits will have carrier PCB for AD9851 and chip may be pre-soldered.

It may take few more days to get kits ready.

I am sure a lot of homebrewers will find this project useful.

Project is listed at: http://www.foxdelta.com/products/aaz.htm

73s/Dinesh Gajjar

426. HM-36 Mod. to make it work with an IC-7200

Yahoo group: foxdelta
Date: 2012-07-02 04:42:28 UTC
From: foxdelta
Topic: 426 Message: 426

Hello

An article with mod info for HM-36 MIC is posted by Frank/K7SFN at:

http://www.k7sfn.com/cms/index.php?option=com_content&view=article&id=62:hm-36-modification&catid=25:homebrewing&Itemid=59

73s/Dinesh

427. HM-36 Mod. to make it work with an IC-7200

Yahoo group: foxdelta
Date: 2012-07-02 04:29:41 UTC
From: foxdelta
Topic: 426 Message: 427

Hello

If you are looking for improvement of your HM-36 mic, please a new article uploaded by Frank/K7SFN:

http://www.k7sfn.com/cms/index.php?option=com_content&view=article&id=62:hm-36-modification&catid=25:homebrewing&Itemid=59

73s/Dinesh Gajjar

428. No transmit issue - Mini TNC

Yahoo group: foxdelta
Date: 2012-07-02 18:59:18 UTC
From: kc0mlt
Topic: 428 Message: 428

Hello all,

I'm back again with one more issue. After getting my build issues resolved I have run into another road block. I am receiving APRS raw data just fine, however I have no re-transmit. In diagnosing this issue I have attempted to use the converse mode and the calibrate mode and still can not get the unit to key up the radio. I have had my settings looked at by Dinesh and and everything looks good. I have double and triple checked the radio, cables, and general setup of the station in hopes of figuring this out and everything is fine. I am out of ideas and am looking for suggestions. ANy help would be greatly appreciated!

Thanks
Wade
KC0MLT

429. Re: [foxdelta] No transmit issue - Mini TNC

Yahoo group: foxdelta
Date: 2012-07-03 06:22:39 UTC
From: Dennis Rogers
Topic: 428 Message: 429

Send me your settings.
Give me the radio, gps (yes/no), longitude/latitude, and anything else of help.
It has to be something simple.

Dennis

On Mon, Jul 2, 2012 at 1:59 PM, kc0mlt <kc0mlt@...> wrote:

> **
>
>
> Hello all,
>
> I'm back again with one more issue. After getting my build issues resolved
> I have run into another road block. I am receiving APRS raw data just fine,
> however I have no re-transmit. In diagnosing this issue I have attempted to
> use the converse mode and the calibrate mode and still can not get the unit
> to key up the radio. I have had my settings looked at by Dinesh and and
> everything looks good. I have double and triple checked the radio, cables,
> and general setup of the station in hopes of figuring this out and
> everything is fine. I am out of ideas and am looking for suggestions. ANy
> help would be greatly appreciated!
>
> Thanks
> Wade
> KC0MLT
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

430. 50MHZ USB Frequency Counter

Yahoo group: foxdelta
Date: 2012-07-09 12:58:25 UTC
From: foxdelta
Topic: 430 Message: 430

Hello

A New project FC3-School: A 50MHZ PIC18F4550 based LCD Frequency counter with PC Software is uplaoded at our school projects website:

http://www.foxdelta.net

Interesting features of this counter are:

1. 2x16 LCD
2. Counts Frequency (HI-Z) to 50MHZ (or more)
3. Bar Graph display for signal level indication.
4. Configurable IF OFF-Sets thru USB PC Software
5. Free PC Software by Tony/I2TZK
6. Very compact and easy to build kit
7. PC Base calibration
8. Powered from USB or external +5V
9. Priced at $32.00 (Complete KIT)

Counter may be very useful for old radios and transceivers that requires IF OFF-SETS.

I hope radio amateurs and science school students would certainly like this simple project.

Direct project link is: http://www.foxdelta.net/pic-counter.html

Regards/Dinesh Gajjar

431. Re: No transmit issue - Mini TNC

Yahoo group: foxdelta
Date: 2012-07-09 08:53:36 UTC
From: kc0mlt
Topic: 428 Message: 431

Dennis,

Did you receive my settings? I emailed them to you last week. Just curious as I want to get this project off the bench and into the field.

Wade
KC0MLT

--- In foxdelta@yahoogroups.com, Dennis Rogers <n5vrp.satx@...> wrote:
>
> Send me your settings.
> Give me the radio, gps (yes/no), longitude/latitude, and anything else of
> help.
> It has to be something simple.
>
> Dennis
>
> On Mon, Jul 2, 2012 at 1:59 PM, kc0mlt <kc0mlt@...> wrote:
>
> > **
> >
> >
> > Hello all,
> >
> > I'm back again with one more issue. After getting my build issues resolved
> > I have run into another road block. I am receiving APRS raw data just fine,
> > however I have no re-transmit. In diagnosing this issue I have attempted to
> > use the converse mode and the calibrate mode and still can not get the unit
> > to key up the radio. I have had my settings looked at by Dinesh and and
> > everything looks good. I have double and triple checked the radio, cables,
> > and general setup of the station in hopes of figuring this out and
> > everything is fine. I am out of ideas and am looking for suggestions. ANy
> > help would be greatly appreciated!
> >
> > Thanks
> > Wade
> > KC0MLT
> >
> >
> >
>
>
>
> --
>
> Dennis, N5VRP

> n5vrp.satx@...
>

432. Foxveiw3 need help

Yahoo group: foxdelta
Date: 2012-07-27 18:14:41 UTC
From: ng8y@ymail.com
Topic: 432 Message: 432

I have a foxveiw 3 im trying to set up as a fill in digipeater. I am receiving data fine thruogh the terminal port. I cant get it to beacon or retransmit data. I know the radio is hooked up fine becouse when I go to calibrate mode the radio keys.

What do the settings need to be set at for the tnc to act as a digi?

On to another issue the lcd display does not keep up with the packets received it seems like it only displays about every 20th packet. What should the settings be on the display?

Thanks

Neal

433. Re: Foxveiw3 need help

Yahoo group: foxdelta
Date: 2012-07-28 05:23:03 UTC
From: n5vrp
Topic: 432 Message: 433

First, fill-in digipeater is WIDE1-1.
The code no more than one HOP hence fill-in.

Example:

BTEXT !3117.05N/09346.10W#APRS MiniTNC v1.09 Digi

Note: Above is for Texas, USA. Substitute accordingly.
The Foxdigi, MiniTNC and Foxview use the same code for
packet/APRS messaging. Keep also in mind SW-MIC/PTT needs
to be enabled or disabled depending your brand of radio.
Icom versus Kenwood/Alinco's use different keying of the
PTT line. SW-OWN PKT needs to be enabled or disabled to show
or not show ones own packet on the display.

Which firmware version are you running?

Comments...

Dennis

--- In foxdelta@yahoogroups.com, "ng8y@..." <ng8y@...> wrote:
>
> I have a foxveiw 3 im trying to set up as a fill in digipeater. I am receiving data fine thruogh the terminal port. I cant get it to beacon or retransmit data. I know the radio is hooked up fine becouse when I go to calibrate mode the radio keys.
>
> What do the settings need to be set at for the tnc to act as a digi?
>
> On to another issue the lcd display does not keep up with the packets received it seems like it only displays about every 20th packet. What should the settings be on the display?
>
> Thanks
>
> Neal
>

434. RE: [foxdelta] Foxveiw3 need help

Yahoo group: foxdelta
Date: 2012-07-28 05:35:20 UTC
From: Robert
Topic: 432 Message: 434

Send me an email, may be able to assist.

Rob

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of ng8y@...
Sent: Saturday, 28 July 2012 4:15 AM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Foxveiw3 need help

I have a foxveiw 3 im trying to set up as a fill in digipeater. I am receiving data fine thruogh the terminal port. I cant get it to beacon or retransmit data. I know the radio is hooked up fine becouse when I go to calibrate mode the radio keys.

What do the settings need to be set at for the tnc to act as a digi?

On to another issue the lcd display does not keep up with the packets received it seems like it only displays about every 20th packet. What should the settings be on the display?

Thanks

Neal

435. PY5JJA in CWB

Yahoo group: foxdelta
Date: 2012-07-29 23:49:05 UTC
From: JoÃ£o Jubery - PY5JJA
Topic: 435 Message: 435

I am an amateur and we are setting the APRS network in our state, Parana, Brazil.
This national network for emergency amateur radio, which in future will be to all parents.
I'm glad to find this group. Thank you.

João Jubery - PY5JJA
Curitiba - Paraná - Brasil

Sou radioamador e estamos montando uma rede APRS em nosso estado, Paraná, Brazil.
Isto para a rede nacional de emergencia de radioamadores, que futuramente será para todo o pais.
fico contente em encontrar este grupo. Obrigado.

436. Re: PY5JJA in CWB

Yahoo group: foxdelta
Date: 2012-08-10 14:11:46 UTC
From: n5vrp
Topic: 435 Message: 436

Need any help contact us via this forum.

Dennis, N5VRP
Good on QRZ direct.

--- In foxdelta@yahoogroups.com, JoÃ£o Jubery - PY5JJA <py5jja@...> wrote:
>
> I am an amateur and we are setting the APRS network in our state, Parana, Brazil.
> This national network for emergency amateur radio, which in future will be to all parents.
> I'm glad to find this group. Thank you.
>
> Joï¿½o Jubery - PY5JJA
> Curitiba - Paranï¿½ - Brasil
>
> Sou radioamador e estamos montando uma rede APRS em nosso estado, Paranï¿½, Brazil.
> Isto para a rede nacional de emergencia de radioamadores, que futuramente serï¿½ para todo o pais.
> fico contente em encontrar este grupo. Obrigado.
>

437. FC3: 500MHZ Frequency Counter and RF Meter

Yahoo group: foxdelta
Date: 2012-08-25 11:00:47 UTC
From: foxdelta
Topic: 437 Message: 437

Hello

A new project: FC3 is uploaded.
FC3 is an LCD 500MHZ Frequency Counter using PIC18F4550.
Its DC12v or USB Powered.

RF Measurement is done by AD8307 from Analog Devices.

Counter has 1S and 10S gate modes for HF and :10 and :80 for VHF/UHF Mode.

RF Level measurement is in DBm, Vpp and RMS.

A free PC Software by Tony/I2TZK is provided for setting some of the important parameters of FC3:

1. AD8307 calibration
2. Backlight Control
3. Frequency Display
4. Mode changes

and more

Please visit: http://www.foxdelta.com/products/fc3.htm

for more information on this project and kits.

73s/Dinesh Gajjar

438. Announcing a new project

Yahoo group: foxdelta
Date: 2012-08-26 14:20:16 UTC
From: i2tzktony
Topic: 438 Message: 438

Hello
i've published on my site www.i2tzk.com a new project named VintageCAT".

Target of the project is to add to any "old style tube rig" the possibility to communicate with a pc "LOG" program.

"VintageCAT" is a very simple ONE WAY interface that acquires from the rig the receiving frequency, the mode (CW, USB, LSB, etc.) and the SMeter level, digitalizes the values and sends them to the PC emulating CAT messages.
An optional LCD panel can show real time the receiving frequency and the mode.

Please refer to my web site for additional details.

73's Tony, i2tzk

439. Re: [foxdelta] Announcing a new project

Yahoo group: foxdelta
Date: 2012-08-27 05:45:02 UTC
From: Dennis Rogers
Topic: 438 Message: 439

He has limited bandwidth right now.
I'll check back.
Are you going to list this for purchase or Tony?

Dennis

On Sun, Aug 26, 2012 at 9:20 AM, i2tzktony <i2tzk@...> wrote:

> **
>
>
> Hello
> i've published on my site www.i2tzk.com a new project named VintageCAT".
>
> Target of the project is to add to any "old style tube rig" the
> possibility to communicate with a pc "LOG" program.
>
> "VintageCAT" is a very simple ONE WAY interface that acquires from the rig
> the receiving frequency, the mode (CW, USB, LSB, etc.) and the SMeter
> level, digitalizes the values and sends them to the PC emulating CAT
> messages.
> An optional LCD panel can show real time the receiving frequency and the
> mode.
>
> Please refer to my web site for additional details.
>
> 73's Tony, i2tzk
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

440. foxveiw3

Yahoo group: foxdelta
Date: 2012-09-03 23:01:42 UTC
From: ng8y@ymail.com
Topic: 440 Message: 440

I have a foxveiw3 that is beconing fine(being heard and updated on aprs.fi) My receiced packets are being heard and retransmited by the digi but not are showing up on the network any ideas?

on another note p2 and p3 are for audio in and out what is p1 for?

Thanks

Neal

441. Mini-TNC not digii-peating

Yahoo group: foxdelta
Date: 2012-09-21 04:02:58 UTC
From: boofrmb2002
Topic: 441 Message: 441

Hi All.

I have been trying to use a mini-tnc with a Philips FM880, that I retuned for APRS, but could not get it to repeat, then I thought it was they way I tuned it. I then set up a FM-828 radio, again with the same problem. now I think it may be the board / firmware itself. Checked all info on the chip, all looks ok.

```
ECHO on
TXDELAY 64
GPS $GPGGA
TRace OFF
MONitor ALL
DIGIpeater ON
BEACON On EVERY 11
UNPROTO APRS-0 V WIDE1-1 V WIDE2-1
MYCALL VK2KGV-3
MYALIAS WIDE1-2
BTEXT !2856.38S/15033.05E# APRS DIGI
```

Regards
Rob

442. Re: Mini-TNC not digii-peating

Yahoo group: foxdelta
Date: 2012-09-21 13:26:00 UTC
From: w4ski_1
Topic: 441 Message: 442

Rob:

Could be MYALIAS WIDE1-2? WIDE1-2 would never exist in the real world.

73 de Paul W4SKI

--- In foxdelta@yahoogroups.com, "boofrmb2002" <rbaker@...> wrote:
>
> Hi All.
>
> I have been trying to use a mini-tnc with a Philips FM880, that I retuned for APRS, but could not get it to repeat, then I thought it was they way I tuned it. I then set up a FM-828 radio, again with the same problem. now I think it may be the board / firmware itself. Checked all info on the chip, all looks ok.
>
> ECHO on
> TXDELAY 64
> GPS $GPGGA
> TRace OFF
> MONitor ALL
> DIGIpeater ON
> BEACON On EVERY 11
> UNPROTO APRS-0 V WIDE1-1 V WIDE2-1
> MYCALL VK2KGV-3
> MYALIAS WIDE1-2
> BTEXT !2856.38S/15033.05E# APRS DIGI
>
>
> Regards
> Rob
>

443. Re: [foxdelta] Mini-TNC not digii-peating

Yahoo group: foxdelta
Date: 2012-09-21 14:56:02 UTC
From: Tim Billingsley
Topic: 441 Message: 443

I have never seen WIDE1-2 before

444. Re: [foxdelta] Mini-TNC not digii-peating

Yahoo group: foxdelta
Date: 2012-09-21 21:32:08 UTC
From: Dennis Rogers
Topic: 441 Message: 444

Your Location, Path, and beacon are what?
Those are most important.

WIDE1-1 is all the foxdigi, minitnc, and foxview will do as they are
fill-in digipeaters.

Dennis

On Fri, Sep 21, 2012 at 9:56 AM, Tim Billingsley <kd5ckp@...> wrote:

> **
>
>
> I have never seen WIDE1-2 before
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

445. Re: Mini-TNC not digii-peating

Yahoo group: foxdelta
Date: 2012-09-21 21:39:22 UTC
From: n5vrp
Topic: 441 Message: 445

```
--- In foxdelta@yahoogroups.com, Tim Billingsley <kd5ckp@...> wrote:
>
> I have never seen WIDE1-2 before
>
UNPROTO APRS-0 V WIDE1-1 V WIDE2-1 replace with
UNPROTO APRS-0 WIDE1-1 V WIDE2-2 should fix the problem.

The minitnc is only a fill-in digi (ie. One Hop).

Dennis
```

446. Re: Mini-TNC not digii-peating

Yahoo group: foxdelta
Date: 2012-09-21 21:43:47 UTC
From: n5vrp
Topic: 441 Message: 446

--- In foxdelta@yahoogroups.com, "w4ski_1" <pyeager56@...> wrote:
>
> Rob:
>
> Could be MYALIAS WIDE1-2? WIDE1-2 would never exist in the real world.
>
> 73 de Paul W4SKI
>
> --- In foxdelta@yahoogroups.com, "boofrmb2002" <rbaker@> wrote:
> >
> > Hi All.
> >
> > I have been trying to use a mini-tnc with a Philips FM880, that I retuned for APRS, but could not get it to repeat, then I thought it was they way I tuned it. I then set up a FM-828 radio, again with the same problem. now I think it may be the board / firmware itself. Checked all info on the chip, all looks ok.
> >
> > ECHO on
> > TXDELAY 64
> > GPS $GPGGA
> > TRace OFF
> > MONitor ALL
> > DIGIpeater ON
> > BEACON On EVERY 11
> > UNPROTO APRS-0 V WIDE1-1 V WIDE2-1
> > MYCALL VK2KGV-3
> > MYALIAS WIDE1-2
> > BTEXT !2856.38S/15033.05E# APRS DIGI
> >
> >
> > Regards
> > Rob
> >
>
Your problem is in the UNPROTO line.

Use: UNPROTO APRS-0 WIDE1-1 V WIDE2-2

MYALIAS can be WIDE2-2 although it will only HOP once.

All other params look ok.
Remember to use PERM to store it in flash memory.

Dennis

447. Re: Mini-TNC not digii-peating

Yahoo group: foxdelta
Date: 2012-09-21 21:47:15 UTC
From: n5vrp
Topic: 441 Message: 447

--- In foxdelta@yahoogroups.com, "boofrmb2002" <rbaker@...> wrote:
>
> Hi All.
>
> I have been trying to use a mini-tnc with a Philips FM880, that I retuned for APRS, but could not get it to repeat, then I thought it was they way I tuned it. I then set up a FM-828 radio, again with the same problem. now I think it may be the board / firmware itself. Checked all info on the chip, all looks ok.
>
> ECHO on
> TXDELAY 64
> GPS $GPGGA
> TRace OFF
> MONitor ALL
> DIGIpeater ON
> BEACON On EVERY 11
> UNPROTO APRS-0 V WIDE1-1 V WIDE2-1
> MYCALL VK2KGV-3
> MYALIAS WIDE1-2
> BTEXT !2856.38S/15033.05E# APRS DIGI
>
>
> Regards
> Rob
>
It has to be as follows...

UNPROTO APRS-0 WIDE1-1 V WIDE2-2

APRS-0 zero not "0". Also no "V" between ssid and wide1-1.

Dennis

448. RE: [foxdelta] Re: Mini-TNC not digii-peating

Yahoo group: foxdelta
Date: 2012-09-23 02:03:42 UTC
From: Robert
Topic: 441 Message: 448

Thanks Dennis.

But when I try to put the UNPROTO your show, I get a ? and not OK

Rob

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf
Of n5vrp
Sent: Saturday, 22 September 2012 7:47 AM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Re: Mini-TNC not digii-peating

--- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com> ,
"boofrmb2002" <rbaker@...> wrote:
>
> Hi All.
>
> I have been trying to use a mini-tnc with a Philips FM880, that I retuned
for APRS, but could not get it to repeat, then I thought it was they way I
tuned it. I then set up a FM-828 radio, again with the same problem. now I
think it may be the board / firmware itself. Checked all info on the chip,
all looks ok.
>
> ECHO on
> TXDELAY 64
> GPS $GPGGA
> TRace OFF
> MONitor ALL
> DIGIpeater ON
> BEACON On EVERY 11
> UNPROTO APRS-0 V WIDE1-1 V WIDE2-1
> MYCALL VK2KGV-3
> MYALIAS WIDE1-2
> BTEXT !2856.38S/15033.05E# APRS DIGI
>
>
> Regards
> Rob
>
It has to be as follows...

UNPROTO APRS-0 WIDE1-1 V WIDE2-2

APRS-0 zero not "0". Also no "V" between ssid and wide1-1.

Dennis

449. Re: foxveiw3

Yahoo group: foxdelta
Date: 2012-09-21 21:51:59 UTC
From: n5vrp
Topic: 440 Message: 449

--- In foxdelta@yahoogroups.com, "ng8y@..." <ng8y@...> wrote:
>
> I have a foxveiw3 that is beconing fine(being heard and updated on aprs.fi) My receiced packets are being heard and retransmited by the digi but not are showing up on the network any ideas?
>
> on another note p2 and p3 are for audio in and out what is p1 for?
>
> Thanks
>
> Neal
>

Sorry I have been away. P1 is for backlight intensity.
Send me a copy of ALL your parameters in the config setup.

Dennis

450. Re: Mini-TNC not digii-peating

Yahoo group: foxdelta
Date: 2012-09-23 04:46:57 UTC
From: n5vrp
Topic: 441 Message: 450

Try this since it has been awhile last visited.

UNPROTO APRS-0 V WIDE2-2 only.

Since it will only decrement last digit once on fill-in digi.

Dennis

--- In foxdelta@yahoogroups.com, "Robert" <rbaker@...> wrote:
>
> Thanks Dennis.
>
>
>
> But when I try to put the UNPROTO your show, I get a ? and not OK
>
>
>
> Rob
>
>
>
> From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf
> Of n5vrp
> Sent: Saturday, 22 September 2012 7:47 AM
> To: foxdelta@yahoogroups.com
> Subject: [foxdelta] Re: Mini-TNC not digii-peating
>
>
>
>
>
>
>
>
> --- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com> ,
> "boofrmb2002" <rbaker@> wrote:
> >
> > Hi All.
> >
> > I have been trying to use a mini-tnc with a Philips FM880, that I retuned
> for APRS, but could not get it to repeat, then I thought it was they way I
> tuned it. I then set up a FM-828 radio, again with the same problem. now I
> think it may be the board / firmware itself. Checked all info on the chip,
> all looks ok.
> >
> > ECHO on

```
> > TXDELAY 64
> > GPS $GPGGA
> > TRace OFF
> > MONitor ALL
> > DIGIpeater ON
> > BEACON On EVERY 11
> > UNPROTO APRS-0 V WIDE1-1 V WIDE2-1
> > MYCALL VK2KGV-3
> > MYALIAS WIDE1-2
> > BTEXT !2856.38S/15033.05E# APRS DIGI
> >
> >
> > Regards
> > Rob
> >
> It has to be as follows...
>
> UNPROTO APRS-0 WIDE1-1 V WIDE2-2
>
> APRS-0 zero not "0". Also no "V" between ssid and wide1-1.
>
> Dennis
>
```

451. RE: [foxdelta] Re: Mini-TNC not digii-peating

Yahoo group: foxdelta
Date: 2012-09-23 05:40:47 UTC
From: Robert
Topic: 441 Message: 451

Again thanks Dennis.

Will try this as well, another question, as the mini tnc can only do one hop, can u from one mini tnc repeat through another mini tnc.. This may not be possible??

Rob

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of n5vrp
Sent: Sunday, 23 September 2012 2:47 PM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Re: Mini-TNC not digii-peating

Try this since it has been awhile last visited.

UNPROTO APRS-0 V WIDE2-2 only.

Since it will only decrement last digit once on fill-in digi.

Dennis

--- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com> , "Robert" <rbaker@...> wrote:
>
> Thanks Dennis.
>
>
>
> But when I try to put the UNPROTO your show, I get a ? and not OK
>
>
>
> Rob
>
>
>
> From: foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com> [mailto:foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>] On Behalf
> Of n5vrp
> Sent: Saturday, 22 September 2012 7:47 AM
> To: foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>
> Subject: [foxdelta] Re: Mini-TNC not digii-peating
>
>
>

>
>
>
>
> --- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>
<mailto:foxdelta%40yahoogroups.com> ,
> "boofrmb2002" <rbaker@> wrote:
> >
> > Hi All.
> >
> > I have been trying to use a mini-tnc with a Philips FM880, that I
retuned
> for APRS, but could not get it to repeat, then I thought it was they way I
> tuned it. I then set up a FM-828 radio, again with the same problem. now I
> think it may be the board / firmware itself. Checked all info on the chip,
> all looks ok.
> >
> > ECHO on
> > TXDELAY 64
> > GPS $GPGGA
> > TRace OFF
> > MONitor ALL
> > DIGIpeater ON
> > BEACON On EVERY 11
> > UNPROTO APRS-0 V WIDE1-1 V WIDE2-1
> > MYCALL VK2KGV-3
> > MYALIAS WIDE1-2
> > BTEXT !2856.38S/15033.05E# APRS DIGI
> >
> >
> > Regards
> > Rob
> >
> It has to be as follows...
>
> UNPROTO APRS-0 WIDE1-1 V WIDE2-2
>
> APRS-0 zero not "0". Also no "V" between ssid and wide1-1.
>
> Dennis
>

452. Re: Mini-TNC not digii-peating

Yahoo group: foxdelta
Date: 2012-09-23 05:54:37 UTC
From: n5vrp
Topic: 441 Message: 452

Yes, the minitnc will forward one hop from tnc digipeater to
another no matter the brand. Other tncs can allow more than one hop
hence WIDE2-2, WIDE3-3, ETC.

Dennis

--- In foxdelta@yahoogroups.com, "Robert" <rbaker@...> wrote:
>
> Again thanks Dennis.
>
>
>
> Will try this as well, another question, as the mini tnc can only do one
> hop, can u from one mini tnc repeat through another mini tnc.. This may not
> be possible??
>
>
>
> Rob
>
>
>
> From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf
> Of n5vrp
> Sent: Sunday, 23 September 2012 2:47 PM
> To: foxdelta@yahoogroups.com
> Subject: [foxdelta] Re: Mini-TNC not digii-peating
>
>
>
>
>
> Try this since it has been awhile last visited.
>
> UNPROTO APRS-0 V WIDE2-2 only.
>
> Since it will only decrement last digit once on fill-in digi.
>
> Dennis
>
> --- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com> ,
> "Robert" <rbaker@> wrote:
> >
> > Thanks Dennis.
> >

> >
> >
> > But when I try to put the UNPROTO your show, I get a ? and not OK
> >
> >
> >
> > Rob
> >
> >
> >
> > From: foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>
> [mailto:foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>] On
> Behalf
> > Of n5vrp
> > Sent: Saturday, 22 September 2012 7:47 AM
> > To: foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>
> > Subject: [foxdelta] Re: Mini-TNC not digii-peating
> >
> >
> >
> >
> >
> >
> >
> > --- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>
> <mailto:foxdelta%40yahoogroups.com> ,
> > "boofrmb2002" <rbaker@> wrote:
> > >
> > > Hi All.
> > >
> > > I have been trying to use a mini-tnc with a Philips FM880, that I
> retuned
> > for APRS, but could not get it to repeat, then I thought it was they way I
> > tuned it. I then set up a FM-828 radio, again with the same problem. now I
> > think it may be the board / firmware itself. Checked all info on the chip,
> > all looks ok.
> > >
> > > ECHO on
> > > TXDELAY 64
> > > GPS $GPGGA
> > > TRace OFF
> > > MONitor ALL
> > > DIGIpeater ON
> > > BEACON On EVERY 11
> > > UNPROTO APRS-0 V WIDE1-1 V WIDE2-1
> > > MYCALL VK2KGV-3
> > > MYALIAS WIDE1-2
> > > BTEXT !2856.38S/15033.05E# APRS DIGI
> > >
> > >

> > > Regards
> > > Rob
> > >
> > It has to be as follows...
> >
> > UNPROTO APRS-0 WIDE1-1 V WIDE2-2
> >
> > APRS-0 zero not "0". Also no "V" between ssid and wide1-1.
> >
> > Dennis
> >
>

453. Re: [foxdelta] Re: foxveiw3

Yahoo group: foxdelta
Date: 2012-09-24 00:47:12 UTC
From: Neal Garbenis
Topic: 440 Message: 453

Dennis

here are my configs it beacons fine it just wont retransmit packets to the network.

Thanks
Neal

MYCALLKA7G-1
UNPROTOAPRS-0 V WIDE1-1 V WIDE2-1
BTEXT !4800.41N/11413.31W#
BEACON ON EVERY11
MONITORALL
MYALIASWIDE1-1
ECHOON
DIGION
GPS$GPGGA
TRACEOFF
TXDELAY80

From: n5vrp <n5vrp.satx@...>
To: foxdelta@yahoogroups.com
Sent: Friday, September 21, 2012 5:51 PM
Subject: [foxdelta] Re: foxveiw3

--- In foxdelta@yahoogroups.com, "ng8y@..." <ng8y@...> wrote:
>
> I have a foxveiw3 that is beconing fine(being heard and updated on aprs.fi) My receiced packets are being heard and retransmited by the digi but not are showing up on the network any ideas?
>
> on another note p2 and p3 are for audio in and out what is p1 for?
>
> Thanks
>
> Neal
>

Sorry I have been away. P1 is for backlight intensity.
Send me a copy of ALL your parameters in the config setup.

Dennis

454. Re: foxveiw3

Yahoo group: foxdelta
Date: 2012-09-24 06:03:48 UTC
From: n5vrp
Topic: 440 Message: 454

Neal,

Try the following and let me know how it goes. Monitor
the packets on APRS.fi "RAW" or Findu.com

UNPROTO APRS-0 V WIDE1-1 V WIDE2-2
MYALIAS WIDE2-2

I noticed in your email no space between APRS-0 and UNPROTO command.
This would a problems.

The code parses the string for exact entry. It will reject issues.
When the FV3 send packets it will not show you on the display. At
the best of my memory the only shows received packets.
When reviewing the packets RAW on APRS.fi and still having problems
send me the actual packet show on APRS.fi with copy/paste to notepad.

Dennis

--- In foxdelta@yahoogroups.com, Neal Garbenis <ng8y@...> wrote:
>
> DennisÂ
>
> here are my configs it beacons fine it just wont retransmit packets to the network.
>
> ThanksÂ
> Neal
>
>
> MYCALLKA7G-1
> UNPROTOAPRS-0 V WIDE1-1 V WIDE2-1
> BTEXTÂ !4800.41N/11413.31W#
> BEACON ON EVERY11
> MONITORALL
> MYALIASWIDE1-1
> ECHOON
> DIGION
> GPS$GPGGA
> TRACEOFF
> TXDELAY80
>
>
>
> _____
> From: n5vrp <n5vrp.satx@...>
> To: foxdelta@yahoogroups.com

> Sent: Friday, September 21, 2012 5:51 PM
> Subject: [foxdelta] Re: foxveiw3
>
>
> Â
>
>
> --- In foxdelta@yahoogroups.com, "ng8y@" <ng8y@> wrote:
> >
> > I have a foxveiw3 that is beconing fine(being heard and updated on aprs.fi) My receiced packets are being heard and retransmited by the digi but not are showing up on the network any ideas?
> >
> > on another note p2 and p3 are for audio in and out what is p1 for?
> >
> > Thanks
> >
> > Neal
> >
>
> Sorry I have been away. P1 is for backlight intensity.
> Send me a copy of ALL your parameters in the config setup.
>
> Dennis
>

455. USB Antenna Analyzer Project - Update

Yahoo group: foxdelta
Date: 2012-10-14 11:08:43 UTC
From: foxdelta
Topic: 455 Message: 455

Hello

I have updated AAZ webpage. Now, we have two types of kits:

Partial Kits AAZ-0612 and
Full Kits AAZ-0912

please visit webpage: http://www.foxdelta.com/products/aaz.htm

0912 kits are getting ready and may take another 3-4 days.

Meanwhile you may have a look at details and schematics/Docs.

Regards/Dinesh Gajjar

456. Mini TNC loading down Receiver

Yahoo group: foxdelta
Date: 2012-10-15 02:08:30 UTC
From: boofrmb2002
Topic: 456 Message: 456

Hi All.

Just another query, Try still to get the mini TNC to work on an Philips FM828, tx appears to be ok, but the receice side is a problem, when I plug the tnc into the receiver, the AF output dissapears, took it off, tone there again, therefore it appeard that tnc is loading the output down. Has anyone else had an issue tlike this, and if so, how was it fixed.

Regards

Rob

457. AGC add on board

Yahoo group: foxdelta
Date: 2012-11-22 00:34:28 UTC
From: n0mpm
Topic: 457 Message: 457

i have just installed the AGC board to my echolink K-7 interface..What are the functions of P-1 and P-2 poteniometers?

Thanks,
Mike N0MPM

458. Photos missing?

Yahoo group: foxdelta
Date: 2012-11-16 18:51:45 UTC
From: wa5jxy
Topic: 458 Message: 458

Is it just me, or are the photos in the photos section broken?
Neil

459. Re: Photos missing?

Yahoo group: foxdelta
Date: 2012-11-22 01:14:09 UTC
From: n5vrp
Topic: 458 Message: 459

No problem here.

Dennis

--- In foxdelta@yahoogroups.com, "wa5jxy" <wa5jxy@...> wrote:
>
> Is it just me, or are the photos in the photos section broken?
> Neil
>

460. Re: [foxdelta] AGC add on board

Yahoo group: foxdelta
Date: 2012-11-22 02:15:05 UTC
From: Fox Delta
Topic: 457 Message: 460

Hello

They are tone controls.
Leave them at middle to get flat response.

73s/Dinesh

461. Mini TNC

Yahoo group: foxdelta
Date: 2012-11-30 02:33:05 UTC
From: boofrmb2002
Topic: 392 Message: 461

Hi All.

This is a question to those who are using the mini TNC. The kit doesn't come with U1 and its components, so my question is should I install U1 and its components, or leave it out?, it that part of the cct needed. What have other guys out there done?

Regards

Robert

462. Re: Mini TNC

Yahoo group: foxdelta
Date: 2012-11-30 03:48:46 UTC
From: foxdelta
Topic: 392 Message: 462

Hello Robert

U1 is part of kit and listed in Parts List.
If its not there, its packing mistake.
Please contact esales@... and we will forward what ever is missing from the kit.

However, Mini-TNC do work without U1 by simply installing .01 capacitor at C21 (and not at C1)

73s/Dinesh

--- In foxdelta@yahoogroups.com, "boofrmb2002" <rbaker@...> wrote:
>
> Hi All.
>
> This is a question to those who are using the mini TNC. The kit doesn't come with U1 and its components, so my question is should I install U1 and its components, or leave it out?, it that part of the cct needed. What have other guys out there done?
>
> Regards
>
> Robert
>

463. RE: [foxdelta] Re: Mini TNC

Yahoo group: foxdelta
Date: 2012-11-30 07:02:46 UTC
From: Robert
Topic: 392 Message: 463

OK, so when and when not should we be using this part of the cct, so it's an amp, will this amply the signal, or does it filter, only allowing the correct signal than amplifying, if so, this may be why it doesn't work correctly on old FM828 radios!!

Robert

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of foxdelta
Sent: Friday, 30 November 2012 2:49 PM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Re: Mini TNC

Hello Robert

U1 is part of kit and listed in Parts List.
If its not there, its packing mistake.
Please contact esales@... <mailto:esales%40foxdelta.com> and we will forward what ever is missing from the kit.

However, Mini-TNC do work without U1 by simply installing .01 capacitor at C21 (and not at C1)

73s/Dinesh

--- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com> , "boofrmb2002" <rbaker@...> wrote:
>
> Hi All.
>
> This is a question to those who are using the mini TNC. The kit doesn't come with U1 and its components, so my question is should I install U1 and its components, or leave it out?, it that part of the cct needed. What have other guys out there done?
>
> Regards
>
> Robert
>

464. SWR Analyzer Kit: how to reset factory default parameters

Yahoo group: foxdelta
Date: 2012-12-03 16:22:21 UTC
From: jim_va3kv
Topic: 464 Message: 464

My SWR Analyzer kit went together well and worked fine until I decided to play around with the settings.

Unfortunately I didn't write down the default values. Now I no longer see the graph raced on the screen, but I do see the table which seems okay.

I tried to change Setup > Generator to go from 1.5 Mhz to 30 Mhz and change the step to 1500 . It didn't work as I expected. I notice the bottom of graph screen jumped to 76Mhz on far right.

I tried to change it back to original values by re-installing but that didn't work. I tried playing around with "expert" mode and that didn't work either.

Obviously the latest parameters are stored somewhere else and aren't changed when I re-install the software.

1. What do I do to get it back to original default parameters.
2. After parameters are changed and a scan is completed it shows up in the table but not on the graph. Any ideas?
3. What are the adjustment limits in the step parameters and how does it work.

This will be a very useful tool in the shack and in the field.

Thanks
Jim
va3kv
Rockland Ontario
Canada

465. Re: SWR Analyzer Kit: how to reset factory default parameters

Yahoo group: foxdelta
Date: 2012-12-03 17:06:36 UTC
From: i2tzktony
Topic: 464 Message: 465

Hi Jim
1. to restore the default values:
SetUp/Advanced/
then push the button "Default"
2. & 3. first reset to default values then try once more

73's Tony, i2tzk

--- In foxdelta@yahoogroups.com, "jim_va3kv" <va3kv.radio@...> wrote:
>
> My SWR Analyzer kit went together well and worked fine until I decided to play around with the settings.
>
> Unfortunately I didn't write down the default values. Now I no longer see the graph raced on the screen, but I do see the table which seems okay.
>
> I tried to change Setup > Generator to go from 1.5 Mhz to 30 Mhz and change the step to 1500 . It didn't work as I expected. I notice the bottom of graph screen jumped to 76Mhz on far right.
>
> I tried to change it back to original values by re-installing but that didn't work. I tried playing around with "expert" mode and that didn't work either.
>
> Obviously the latest parameters are stored somewhere else and aren't changed when I re-install the software.
>
> 1. What do I do to get it back to original default parameters.
> 2. After parameters are changed and a scan is completed it shows up in the table but not on the graph. Any ideas?
> 3. What are the adjustment limits in the step parameters and how does it work.
>
> This will be a very useful tool in the shack and in the field.
>
> Thanks
> Jim
> va3kv
> Rockland Ontario
> Canada
>

466. Re: SWR Analyzer Kit: how to reset factory default parameters

Yahoo group: foxdelta
Date: 2012-12-04 02:23:11 UTC
From: jim_va3kv
Topic: 464 Message: 466

Thank you Tony, That fixed it.

I set it to "Expert" mode and I see that the stop frequency is actually a function of the number of steps and amount of frequency step (in other words, scan width is dependant on StepNr and Step Freq (Khz)). I'm getting the hang of it....

Enhancement request:
1. I use the generator tab to tune my antenna tuner. If you could add a software analog meter of some sort, it would be much easier to tune to minimum SWR.
2 Ability to custom change scan width settings for each band radio button.

Again, thanks for a great product. Its given my ACER netbook a new lease on life.

Jim
va3kv
Rockland On
Canada

--- In foxdelta@yahoogroups.com, "i2tzktony" <i2tzk@...> wrote:
>
> Hi Jim
> 1. to restore the default values:
> SetUp/Advanced/
> then push the button "Default"
> 2. & 3. first reset to default values then try once more
>
> 73's Tony, i2tzk
>
> --- In foxdelta@yahoogroups.com, "jim_va3kv" <va3kv.radio@> wrote:
> >
> > My SWR Analyzer kit went together well and worked fine until I decided to play around with the settings.
> >
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> >
> > I tried to change it back to original values by re-installing but that didn't work. I tried playing around with "expert" mode and that didn't work either.
> >
> > Obviously the latest parameters are stored somewhere else and aren't changed when I re-install the software.
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> > 3. What are the adjustment limits in the step parameters and how does it work.
> >
> > This will be a very useful tool in the shack and in the field.
> >
> > Thanks
> > Jim
> > va3kv
> > Rockland Ontario
> > Canada
> >
>

467. Re: SWR Analyzer Kit: how to reset factory default parameters

Yahoo group: foxdelta
Date: 2012-12-04 07:11:49 UTC
From: i2tzktony
Topic: 464 Message: 467

Jim
"Number of Step" is the number of points of the X axis.
The choice of this figure dependes on several parameters,
basically larger the number, better the graph accuracy, slower the calculation process.

Default value (680) has been calculated on the following bases:
- pgm running in full screen mode
- video resolution (1024x768)
- pc resources (W7x32 / Intel Core2 Quad CPU Q8400@2.7GHz)

Thanks for the reccomandations to improve the pgm, i've added all of the to my "wish list".

73's Tony

--- In foxdelta@yahoogroups.com, "jim_va3kv" <va3kv.radio@...> wrote:
>
> Thank you Tony, That fixed it.
>
> I set it to "Expert" mode and I see that the stop frequency is actually a function of the number of steps and amount of frequency step (in other words, scan width is dependant on StepNr and Step Freq (Khz)). I'm getting the hang of it....
>
> Enhancement request:
> 1. I use the generator tab to tune my antenna tuner. If you could add a software analog meter of some sort, it would be much easier to tune to minimum SWR.
> 2 Ability to custom change scan width settings for each band radio button.
>
> Again, thanks for a great product. Its given my ACER netbook a new lease on life.
>
> Jim
> va3kv
> Rockland On
> Canada
>
> --- In foxdelta@yahoogroups.com, "i2tzktony" <i2tzk@> wrote:
> >
> > Hi Jim
> > 1. to restore the default values:
> > SetUp/Advanced/
> > then push the button "Default"
> > 2. & 3. first reset to default values then try once more
> >
> > 73's Tony, i2tzk
> >
> > --- In foxdelta@yahoogroups.com, "jim_va3kv" <va3kv.radio@> wrote:
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> > >
> > > Unfortunately I didn't write down the default values. Now I no longer see the graph raced on the screen, but I do see the table which seems okay.
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> > > I tried to change Setup > Generator to go from 1.5 Mhz to 30 Mhz and change the step to 1500 . It didn't work as I expected. I notice the bottom of graph screen jumped to 76Mhz on far right.
> > >
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> > >
> > > Obviously the latest parameters are stored somewhere else and aren't changed when I re-install the software.
> > >
> > > 1. What do I do to get it back to original default parameters.
> > > 2. After parameters are changed and a scan is completed it shows up in the table but not on the graph. Any ideas?
> > > 3. What are the adjustment limits in the step parameters and how does it work.
> > >
> > > This will be a very useful tool in the shack and in the field.
> > >
> > > Thanks
> > > Jim
> > > va3kv
> > > Rockland Ontario
> > > Canada
> > >
> >
>

468. SWR Analyzer

Yahoo group: foxdelta
Date: 2012-12-26 22:47:01 UTC
From: ve3ghm
Topic: 468 Message: 468

Good day all,

I have created a folder and have posted some pictures of my newly finished SWR analyzer.

I won't go into a lot of detail, more can be found here:

http://ve3gtc.blogspot.ca/

I did not use the nice powder coated steel case that was supplied with the kit. Instead I used a nice black case I found in eBay which was nice fit.

The SWR analyzer and software works very well. Kuds to Tony for this design and the group at Fox Delta for making it available at such an affordable price.

Any thought to having some software that runs LINUX? Would the software as written for Windows be easily ported to LINUX?

cheers, Graham ve3gtc

469. SWM3 USB Protocol

Yahoo group: foxdelta
Date: 2012-12-27 13:14:25 UTC
From: gi7kmc
Topic: 469 Message: 469

Hi
I got a SWM3 for Christmas and I am very happy with it. I also have a RaspberryPI credit card sized computer that runs linux. I am planning to use the Raspberry PI to control different things around the shack. I would like to connect the SWM3 to my PI so that it can monitor the SWR and output power and maybe take some action if things are not as expected.

Is the protocol for the communctions between the SWM3 and the PC documented anywhere?

Thanks
Jonathan

470. New file uploaded to foxdelta

Yahoo group: foxdelta
Date: 2012-12-28 16:50:14 UTC
From: foxdelta@yahoogroups.com
Topic: 273 Message: 470

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the foxdelta
group.

File : /SWR Analyzer What Is new 4.00.pdf
Uploaded by : i2tzktony <i2tzk@...>
Description :

You can access this file at the URL:
http://groups.yahoo.com/group/foxdelta/files/SWR%20Analyzer%20What%20Is%20new%204.00.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

i2tzktony <i2tzk@...>

471. SWR Analyzer new version

Yahoo group: foxdelta
Date: 2012-12-28 16:48:49 UTC
From: i2tzktony
Topic: 471 Message: 471

The new pgm version 4.00 is ready to be published.
See "What is new 4.00" in folder "Files".
I need some help to test before to release it.
Anyone who want to be "beta-tester" please pvm me.
Appreciate very much.

73's and Happy New Year
Tony

472. Re: [foxdelta] SWR Analyzer new version

Yahoo group: foxdelta
Date: 2012-12-28 21:13:22 UTC
From: Tim Billingsley
Topic: 471 Message: 472

Would love to but there are no kits available currently.
On Dec 28, 2012 3:11 PM, "i2tzktony" <i2tzk@...> wrote:

> **
>
>
> The new pgm version 4.00 is ready to be published.
> See "What is new 4.00" in folder "Files".
> I need some help to test before to release it.
> Anyone who want to be "beta-tester" please pvm me.
> Appreciate very much.
>
> 73's and Happy New Year
> Tony
>
>
>

473. swra arrived.

Yahoo group: foxdelta
Date: 2012-12-31 17:32:19 UTC
From: vic.driver@btinternet.com
Topic: 473 Message: 473

hi everyone,got my kit on sat 29th and started building over the weekend
everything seemed pretty straight forward so had no problems building.
did the voltage checks this afternoon and tried firing up,OOPs small hitch,one of the pins on the dil had turned under, straightened out and everything worked perfectly.
the only minor moan is the box,the only way to get a decent fit is to put the board in upside down but then the standoffs for the board are too short,easily rectified by me but some people might have trouble.
altogether very happy at savings made and a good experience.
happy new year all
G1VMX

474. Re: swra arrived.

Yahoo group: foxdelta
Date: 2013-01-01 03:58:31 UTC
From: ve3nvk
Topic: 473 Message: 474

I similarly got my new kit on Friday, built it Saturday. I also found that to get a proper fit I had to file the hole for the BNC connector up towards the open top. Seems that the metal standoffs were longer than perhaps was originally thought.

I had only one glitch, all the voltages checked out ok but the LED did not come on. (I was only plugged into a cell phone charger, so no data lines). Looked at it for ages, even checked the programming on the pic and everything was fine. So then tried plugging it into the computer - worked perfectly.

Measured all my antennas and certainly have some work come May. We have about 18 inches on snow on the ground right now, and -12C at night, so not the weather to be up a tower or even on the roof fro pruning a dipole.

Best of the season to all.

Andy VE3NVK/ G8VTV

--- In foxdelta@yahoogroups.com, "vic.driver@..." <vic.driver@...> wrote:
>
> hi everyone,got my kit on sat 29th and started building over the weekend
> everything seemed pretty straight forward so had no problems building.
> did the voltage checks this afternoon and tried firing up,OOPs small hitch,one of the pins on the dil had turned under, straightened out and everything worked perfectly.
> the only minor moan is the box,the only way to get a decent fit is to put the board in upside down but then the standoffs for the board are too short,easily rectified by me but some people might have trouble.
> altogether very happy at savings made and a good experience.
> happy new year all
> G1VMX
>

475. Re: swra arrived.

Yahoo group: foxdelta
Date: 2013-01-01 04:49:08 UTC
From: foxdelta
Topic: 473 Message: 475

Hello

I agree that case and hardware for AAZ is not good enough. I could not get done special cases for AAZ project so decided to supply one from another project (Antenna matching balun) just to supply something that people case use.
Metal case makers are tough to handle!! I have my order for few projects but nothing heard from them for months. I have to tolerate because fabricator makes and sell me at a very special low price (For Radio Amateurs) and no one else will supply at the rate they presently do.

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "vic.driver@..." <vic.driver@...> wrote:
>
> hi everyone,got my kit on sat 29th and started building over the weekend
> everything seemed pretty straight forward so had no problems building.
> did the voltage checks this afternoon and tried firing up,OOPs small hitch,one of the pins on the dil had turned under, straightened out and everything worked perfectly.
> the only minor moan is the box,the only way to get a decent fit is to put the board in upside down but then the standoffs for the board are too short,easily rectified by me but some people might have trouble.
> altogether very happy at savings made and a good experience.
> happy new year all
> G1VMX
>

476. Re: swra arrived.

Yahoo group: foxdelta
Date: 2013-01-01 10:18:15 UTC
From: i2tzktony
Topic: 473 Message: 476

Hi
the blu led lights on after windows has installed the driver and connected the usb device, it blinks when SWR Analyzer.exe takes the control of the board.
If you just power on the board but no windows link the led remain off.

73's Tony

--- In foxdelta@yahoogroups.com, "ve3nvk" <andylhart@...> wrote:
>
> I similarly got my new kit on Friday, built it Saturday. I also found that to get a proper fit I had to file the hole for the BNC connector up towards the open top. Seems that the metal standoffs were longer than perhaps was originally thought.
>
> I had only one glitch, all the voltages checked out ok but the LED did not come on. (I was only plugged into a cell phone charger, so no data lines). Looked at it for ages, even checked the programming on the pic and everything was fine. So then tried plugging it into the computer - worked perfectly.
>
> Measured all my antennas and certainly have some work come May. We have about 18 inches on snow on the ground right now, and -12C at night, so not the weather to be up a tower or even on the roof fro pruning a dipole.
>
> Best of the season to all.
>
> Andy VE3NVK/ G8VTV
>
> --- In foxdelta@yahoogroups.com, "vic.driver@" <vic.driver@> wrote:
> >
> > hi everyone,got my kit on sat 29th and started building over the weekend
> > everything seemed pretty straight forward so had no problems building.
> > did the voltage checks this afternoon and tried firing up,OOPs small hitch,one of the pins on the dil had turned under, straightened out and everything worked perfectly.
> > the only minor moan is the box,the only way to get a decent fit is to put the board in upside down but then the standoffs for the board are too short,easily rectified by me but some people might have trouble.
> > altogether very happy at savings made and a good experience.
> > happy new year all
> > G1VMX
> >
>

477. Re: swra arrived.

Yahoo group: foxdelta
Date: 2013-01-01 14:19:21 UTC
From: VIC DRIVER
Topic: 473 Message: 477

many thanks for the comments on the case,I'd guessed it was something like that,it's only a minor thing and easily righted.
cheers all.
G1VMX

478. Re: swra arrived.

Yahoo group: foxdelta
Date: 2013-01-01 20:40:48 UTC
From: ve3ghm
Topic: 473 Message: 478

I recently posted a few pictures of how I packaged up my SWR analyzer on the FoxDelta group as well as a short write up on my blog:

http://groups.yahoo.com/group/foxdelta/photos/album/1408635373/pic/list

and

http://ve3gtc.blogspot.ca/2012/12/fox-delta-swr-analyzer.html

There is a link on my blog posting for a search on eBay for the case I used to finish off my SWR Analyzer.

The case provided in the SWRA kit is nice enough but as comments have been indicating it is not the best.

Whenever I build a project I tend to start at both ends. I find that keeping in mind something's final form goes a long a way in how any project progresses. The many varied stores on eBay always provide a good source of project boxes and a quick search will always give me some idea on where to start of how to package something.

Dinesh, as nice as it is to buy a kit that is complete with a case, it might be nice to have a choice to purchase with or without. Also, keeping the price down and reasonable is a noble goal but it is always nice to have choices and to offer good designs with suitable options with respect to finishing touches such as a case are a good thing. Like myself, I am sure there are many others who wouldn't mind spending a few extra dollars for something a bit more upscale.

Our friends in the far east who sell these sort of items through their eBay stores seem to be quite progressive and willing to work with their customers, perhaps a working agreement with one or another of these sellers could provide a good source of reasonably priced quality hardware for this and other projects.

cheers es Season's best greetings es all the best for the new year,

Graham ve3gtc

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
> Hello
>
> I agree that case and hardware for AAZ is not good enough. I could not get done special cases for AAZ project so decided to supply one from another project (Antenna matching balun) just to supply something that people case use.
> Metal case makers are tough to handle!! I have my order for few projects but nothing heard from them for months. I have to tolerate because fabricator makes and sell me at a very special low price (For Radio Amateurs) and no one else will supply at the rate they

presently do.
>
> 73s/Dinesh Gajjar
>
>
>
> --- In foxdelta@yahoogroups.com, "vic.driver@" <vic.driver@> wrote:
> >
> > hi everyone,got my kit on sat 29th and started building over the weekend
> > everything seemed pretty straight forward so had no problems building.
> > did the voltage checks this afternoon and tried firing up,OOPs small hitch,one of the pins on the dil had turned under, straightened out and everything worked perfectly.
> > the only minor moan is the box,the only way to get a decent fit is to put the board in upside down but then the standoffs for the board are too short,easily rectified by me but some people might have trouble.
> > altogether very happy at savings made and a good experience.
> > happy new year all
> > G1VMX
> >
>

479. SWM3 not detected in Win XP

Yahoo group: foxdelta
Date: 2013-01-03 20:45:11 UTC
From: f4arm01
Topic: 479 Message: 479

Hi all,

I have been using my SWM3 for a few months and I am very happy with it. However, I am unable to use the software to connect it to the PC. If I go to the device list, the USB HID device appears as normally functioning. However, when I start up the software, I get a message saying that the SWM3 was not found. I have tried to do the same with my three different PCs running Win XP and I got a similar outcome. Firmware version is 2.03 and I have tried the different software packages with no success.

Does anyone have a solution to my problems?

Thanks, best 73s and happy new year!

Pierre - F4ARM

480. ST-2 LCD

Yahoo group: foxdelta
Date: 2013-01-04 02:50:46 UTC
From: kd4k
Topic: 480 Message: 480

I just finished assembling an ST-2 and I have a question.
When I turn the unit on I don't get anything on the LCD display.
Should I see ANYTHING without the unit connected to a computer or rotor?
Thanks in advance for any help.

73 de Tony, KD4K

481. Re: ST-2 LCD

Yahoo group: foxdelta
Date: 2013-01-04 03:51:44 UTC
From: foxdelta
Topic: 480 Message: 481

Hello Tony

Yes, on power up, you will see welcome message and then AZ/EL figures.

If LCD is total blank, check if you have backlight (switch ON DIP switch)on LCD.
If no char. on LCD, adjusted LCD contrast preset.

If all above is good, look for ribbon cable connectivity.

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "kd4k" wrote:
>
> I just finished assembling an ST-2 and I have a question.
> When I turn the unit on I don't get anything on the LCD display.
> Should I see ANYTHING without the unit connected to a computer or rotor?
> Thanks in advance for any help.
>
> 73 de Tony, KD4K
>

482. Re: SWM3 not detected in Win XP

Yahoo group: foxdelta
Date: 2013-01-04 03:47:24 UTC
From: foxdelta
Topic: 479 Message: 482

Hello

Please ensure that you have your OS updated with latest dotnet framework. Go to Microsoft website and update it.

I am not aware of any other possible reasons.
After latest update of dotnet, if no success, please contact me.

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "f4arm01" wrote:
>
> Hi all,
>
> I have been using my SWM3 for a few months and I am very happy with it. However, I am unable to use the software to connect it to the PC. If I go to the device list, the USB HID device appears as normally functioning. However, when I start up the software, I get a message saying that the SWM3 was not found. I have tried to do the same with my three different PCs running Win XP and I got a similar outcome. Firmware version is 2.03 and I have tried the different software packages with no success.
>
> Does anyone have a solution to my problems?
>
> Thanks, best 73s and happy new year!
>
> Pierre - F4ARM
>

483. RE: [foxdelta] Re: ST-2 LCD

Yahoo group: foxdelta
Date: 2013-01-04 05:49:43 UTC
From: Tony
Topic: 480 Message: 483

Dinesh,
Thanks for the quick reply. The LCD Contrast preset was the problem, turned it down and all is good now.
Happy New Year

73 de Tony, KD4K

-----Original Message-----
From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of foxdelta
Sent: Thursday, January 03, 2013 10:52 PM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Re: ST-2 LCD

Hello Tony

Yes, on power up, you will see welcome message and then AZ/EL figures.

If LCD is total blank, check if you have backlight (switch ON DIP switch)on LCD.
If no char. on LCD, adjusted LCD contrast preset.

If all above is good, look for ribbon cable connectivity.

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "kd4k" wrote:
>
> I just finished assembling an ST-2 and I have a question.
> When I turn the unit on I don't get anything on the LCD display.
> Should I see ANYTHING without the unit connected to a computer or rotor?
> Thanks in advance for any help.
>
> 73 de Tony, KD4K
>

Fox Delta Amateur Radio Projects & KitsYahoo! Groups Links

484. Re: SWM3 not detected in Win XP

Yahoo group: foxdelta
Date: 2013-01-06 16:05:46 UTC
From: f4arm01
Topic: 479 Message: 484

Hi Dinesh,

I have updated dotnet to version 4.0 which is the latest version for Windows XP. However I still can't see the SWM3 unit...

73s,

Pierre.

--- In foxdelta@yahoogroups.com, "foxdelta" wrote:
>
> Hello
>
> Please ensure that you have your OS updated with latest dotnet framework. Go to Microsoft website and update it.
>
> I am not aware of any other possible reasons.
> After latest update of dotnet, if no success, please contact me.
>
> 73s/Dinesh Gajjar
>
>
>
> --- In foxdelta@yahoogroups.com, "f4arm01" wrote:
> >
> > Hi all,
> >
> > I have been using my SWM3 for a few months and I am very happy with it. However, I am unable to use the software to connect it to the PC. If I go to the device list, the USB HID device appears as normally functioning. However, when I start up the software, I get a message saying that the SWM3 was not found. I have tried to do the same with my three different PCs running Win XP and I got a similar outcome. Firmware version is 2.03 and I have tried the different software packages with no success.
> >
> > Does anyone have a solution to my problems?
> >
> > Thanks, best 73s and happy new year!
> >
> > Pierre - F4ARM
> >
>

485. Re: SWM3 not detected in Win XP

Yahoo group: foxdelta
Date: 2013-01-07 02:24:00 UTC
From: foxdelta
Topic: 479 Message: 485

Hello Pierre

I am not sure as I do not remember well : from which version of firmware present SW is compatible. As far as I remember, it should be at V2.06 or later. That is the version of FW I have been sending with kits for last 6 or more months.

May be this is the problem. Try update to V2.06 or later version and see if works well. If you cant do that, let me know and I will send you new PIC with compatible firmware

Contact me at esales email

Regards/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "f4arm01" wrote:
>
> Hi Dinesh,
>
> I have updated dotnet to version 4.0 which is the latest version for Windows XP. However I still can't see the SWM3 unit...
>
> 73s,
>
> Pierre.
>
>
> --- In foxdelta@yahoogroups.com, "foxdelta" wrote:
> >
> > Hello
> >
> > Please ensure that you have your OS updated with latest dotnet framework. Go to Microsoft website and update it.
> >
> > I am not aware of any other possible reasons.
> > After latest update of dotnet, if no success, please contact me.
> >
> > 73s/Dinesh Gajjar
> >
> >
> >
> > --- In foxdelta@yahoogroups.com, "f4arm01" wrote:
> > >
> > > Hi all,
> > >
> > > I have been using my SWM3 for a few months and I am very happy with it. However, I am unable to use the software to connect it to the PC. If I go to the device list, the USB HID device appears as normally functioning. However, when I start up the software, I get a

message saying that the SWM3 was not found. I have tried to do the same with my three different PCs running Win XP and I got a similar outcome. Firmware version is 2.03 and I have tried the different software packages with no success.
> > >
> > > Does anyone have a solution to my problems?
> > >
> > > Thanks, best 73s and happy new year!
> > >
> > > Pierre - F4ARM
> > >
> >
>

486. SWR Analyzer v3.02

Yahoo group: foxdelta
Date: 2013-01-14 17:46:52 UTC
From: i2tzktony
Topic: 486 Message: 486

The new windows program version 3.02 is available for download from
www.i2tzk.com
download section

73's Tony

487. FoxView3 & APRSIS help

Yahoo group: foxdelta
Date: 2013-01-28 09:42:21 UTC
From: Michael
Topic: 487 Message: 487

Hi all,

I have a recently built FV3. It is decoding packets on its LCD screen from my radio.

I am using APRSIS, and for the life of me, I can't get the software to accept the data the FV is putting out.

I have tried all the different kinds of ports in APRSIS (KISS, SimplyKISS, etc.)

Baud rates etc seem to be good, because when I power up the FV and look at the log in APRSIS, I see the start up messages.

The APRSIS log does show "missing CO" before each packet it sees.

Also, when I force a transmit in APRSIS, nothing ever happens on the radio.

Is my FV3 actually in KISS mode? Has anyone got APRSIS to work with this?

I have to say the lack of documentation and setup procedures has really gotten me down.

Thanks,
Mike KD0MEQ in Missouri

488. Need a new LCD replacement for SWM2

Yahoo group: foxdelta
Date: 2013-01-30 18:12:54 UTC
From: Jan Servaites
Topic: 488 Message: 488

Dinesh,
I need a new LCD display for my SWM-2 power meter. It still displays characters, but the LED back light is not working anymore.
Would any of the Jameco displays work in my power meter?
http://www.jameco.com/Jameco/catalogs/c131/P28.pdf
Jan N8CBX

489. Re: Need a new LCD replacement for SWM2

Yahoo group: foxdelta
Date: 2013-01-31 04:06:50 UTC
From: foxdelta
Topic: 488 Message: 489

Hello Jan
Any Standard 16x2 LCD with backlight should work well.
As there are many variations available, look for physical size first.

You may also check our paypal shop for replacements:
http://www.foxdelta.net/shopping/

73s/Dinesh

--- In foxdelta@yahoogroups.com, Jan Servaites wrote:
>
> Dinesh,
> I need a new LCD display for my SWM-2 power meter. It still displays
> characters, but the LED back light is not working anymore.
> Would any of the Jameco displays work in my power meter?
> http://www.jameco.com/Jameco/catalogs/c131/P28.pdf
> Jan N8CBX
>

490. PIC18F4550 Audio Frequency Generator

Yahoo group: foxdelta
Date: 2013-02-03 11:57:16 UTC
From: foxdelta
Topic: 490 Message: 490

Hello

We have been busy with many new projects.
Have almost completed PIC18F4550 Based Frequency Generator.

This Generator may be very useful for ham radio test banch. Generates sine, square, two tone, FSK etc.

Firmware and PC software is hard work by Tony/I2TZK and project was assisted by our friend Mirco/IK2MKM.

Please visit project page for more details:

http://www.foxdelta.com/products/audio-generator.htm

Kits will be available around 15th of Feb.

73s/Dinesh Gajjar

491. suggestions for new projects

Yahoo group: foxdelta
Date: 2013-02-03 16:45:33 UTC
From: Jan Servaites
Topic: 490 Message: 491

Dinesh,
I'm building a Triode tube HF amp and I'm using GM3SEK's Triode controller board to meter outputs, bias control, high current alarms, a filament warm-up timer and a HV relay control.
It has logic chips & logic mosfets that I think could be simplified using a new PIC-based controller. Also, there are resistor networks to drive the output meters that I think could be easily driven by the PIC analog outputs. And then all the setup parameters could be done with a laptop, and further displaying the amp's operating parameters.
Jan N8CBX

492. Re: [foxdelta] suggestions for new projects

Yahoo group: foxdelta
Date: 2013-02-03 18:16:07 UTC
From: João Jubery
Topic: 490 Message: 492

Jan N8CBX

Do not forget the protections for logic circuits.
A simple resistor in series with the capacitor, work very well as protection.
Outings in integrated circuits place a 1N4007 diode for example, inverted, ok. Good luck

João Jubery - PY5JJA

2013/2/3 Jan Servaites <jservaites@...>

> **
>
>
> Dinesh,
> I'm building a Triode tube HF amp and I'm using GM3SEK's Triode
> controller board to meter outputs, bias control, high current alarms, a
> filament warm-up timer and a HV relay control.
> It has logic chips & logic mosfets that I think could be simplified
> using a new PIC-based controller. Also, there are resistor networks to
> drive the output meters that I think could be easily driven by the PIC
> analog outputs. And then all the setup parameters could be done with a
> laptop, and further displaying the amp's operating parameters.
> Jan N8CBX
>
>

493. Re: [foxdelta] PIC18F4550 Audio Frequency Generator

Yahoo group: foxdelta
Date: 2013-02-04 00:04:14 UTC
From: Jonathan Point
Topic: 490 Message: 493

Dear Dinesh,

This looks just perfect! I have been looking at building a 2-tone gen for tx testing, but I had concerns with signal stability and my dual wein-bridges-with-feedback regulation used a lot of parts (OK, I was going for very low distortion for other audio testing).

I will check back soon when the kit is available. Meanwhile, I'm looking forward to getting the SWR analyser going =]

PS Something I have also been looking at is a self-contained trapezoid monitor for linearity testing. I normally use a CRO, as the USB digitiser I have is somewhat jittery in this mode. Sure, I could pay $1200 for a cheap spectrum analyser, but a trapezoid is much easier to 'see' than judging intermodualtion products dancing up and down on the screen!

Anyway, it looks like the audio gen side is already sorted out =]

73s & Regards,

Jonathan D. Point
VK2JDP

On Sun, Feb 3, 2013 at 10:57 PM, foxdelta <vu2fd@...> wrote:

> **
>
>
> Hello
>
> We have been busy with many new projects.
> Have almost completed PIC18F4550 Based Frequency Generator.
>
> This Generator may be very useful for ham radio test banch. Generates
> sine, square, two tone, FSK etc.
>
> Firmware and PC software is hard work by Tony/I2TZK and project was
> assisted by our friend Mirco/IK2MKM.
>
> Please visit project page for more details:
>
> http://www.foxdelta.com/products/audio-generator.htm
>
> Kits will be available around 15th of Feb.
>
> 73s/Dinesh Gajjar
>

>
>

494. Mini RF Measurement!

Yahoo group: foxdelta
Date: 2013-02-04 04:44:12 UTC
From: foxdelta
Topic: 494 Message: 494

Hello

I have updated old PM1 project and the new PM1A Kits includes pre-soldered SO8 AD8307 and has an attenuator.

Please check updated project at:

http://www.foxdelta.com/products/pm1.htm

School Projects:

A new VU Meter project using LM3914 is complete.

Please Check at: http://www.foxdelta.net

Water Tank controller project will be completed soon.

73s/Dinesh Gajjar

495. Re: suggestions for new projects

Yahoo group: foxdelta
Date: 2013-02-04 04:51:25 UTC
From: foxdelta
Topic: 490 Message: 495

Hello Jan

Thank you for details.

We have worked on Power amplifier Controller using PIC18F4550 and an LCD. However, our line of work was targeted to using 4 blocks of IRF510 type FETs and address requirements of QRP users in 5 or 10W class to boost output to 400 or 500 watts.

We have completed PA Controller but HF Module work is much delayed as I am always too busy with one or other project. I hope to complete this soon.

Please check power amplifier controller Preliminary info at:

http://www.foxdelta.com/products/pac.htm

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, Jan Servaites wrote:
>
> Dinesh,
> I'm building a Triode tube HF amp and I'm using GM3SEK's Triode
> controller board to meter outputs, bias control, high current alarms, a
> filament warm-up timer and a HV relay control.
> It has logic chips & logic mosfets that I think could be simplified
> using a new PIC-based controller. Also, there are resistor networks to
> drive the output meters that I think could be easily driven by the PIC
> analog outputs. And then all the setup parameters could be done with a
> laptop, and further displaying the amp's operating parameters.
> Jan N8CBX
>

496. Elec Dice

Yahoo group: foxdelta
Date: 2013-02-05 04:26:04 UTC
From: foxdelta
Topic: 496 Message: 496

Hello

A new, small project, Electronic Dice, is listed at School Project Website.

Please visit: http://www.foxdelta.net/electronic-dice.html

73s/Dinesh Gajjar

497. Re: [foxdelta] Re: suggestions for new projects

Yahoo group: foxdelta
Date: 2013-02-06 00:03:00 UTC
From: Jan Servaites
Topic: 490 Message: 497

Dinesh,
Here is another idea. I have a Dip Meter that has a course analog dial
and reading the exact frequency has a lot of error. Could your frequency
meter be used as a digital read out for the dip meter? It would have to
have an rf antenna pickup and not a BNC connector.
Another idea would be using a frequency meter as the basis for a
homemade, secondary frequency readout on my vintage Kenwood TS820 radio.
I know there are three frequencies (LO, Carrier, VFO) that are mixed and
then the output mixed frequency is then counted by the read out, I think.
I haven't built one of your freq. meters yet, and I don't really know
which one would work best for each project.
Could you comment?
Thanks
Jan

foxdelta wrote:

>
>
> Hello Jan
>
> Thank you for details.
>
> We have worked on Power amplifier Controller using PIC18F4550 and an
> LCD. However, our line of work was targeted to using 4 blocks of
> IRF510 type FETs and address requirements of QRP users in 5 or 10W
> class to boost output to 400 or 500 watts.
>
> We have completed PA Controller but HF Module work is much delayed as
> I am always too busy with one or other project. I hope to complete
> this soon.
>
> Please check power amplifier controller Preliminary info at:
>
> http://www.foxdelta.com/products/pac.htm
>
> 73s/Dinesh Gajjar
>
> --- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>,
> Jan Servaites wrote:
> >
> > Dinesh,
> > I'm building a Triode tube HF amp and I'm using GM3SEK's Triode
> > controller board to meter outputs, bias control, high current alarms, a
> > filament warm-up timer and a HV relay control.

> > It has logic chips & logic mosfets that I think could be simplified
> > using a new PIC-based controller. Also, there are resistor networks to
> > drive the output meters that I think could be easily driven by the PIC
> > analog outputs. And then all the setup parameters could be done with a
> > laptop, and further displaying the amp's operating parameters.
> > Jan N8CBX
> >
>
>

498. Problem with SWR Analyzer-No signal out

Yahoo group: foxdelta
Date: 2013-02-09 02:34:32 UTC
From: Jan Servaites
Topic: 498 Message: 498

I have my kit finished and everything seems to work except I get no signal out. I have good OSC, CS, R, CLK, but nothing on the serial data line. With my scope connected to pin 18 on the PIC, I see nothing. The DDS's output is a high 3.5VDC all the time.
Any ideas to try?
Jan N8CBX

499. Re: Problem with SWR Analyzer-No signal out

Yahoo group: foxdelta
Date: 2013-02-09 03:44:25 UTC
From: foxdelta
Topic: 498 Message: 499

Hello Jan

DDS Module is supplied pre-tested on all frequency from 1 to 35MHZ.
Keeping in view that module is good, following possibility may be a reason that there is no output from DDS:

1. Please check track connectivity from PIC to Data PIN of DDS. Track is on the top side of PCB.

2. Lift L1 from board and see if signal is present. DDS produces 10MHZ when not under software control.

3. If DDS Signal is present at L1, next check is required at ADA Amplifier. and then to Resistor T.

I have noticed via connectivity problem on couple of boards(very rare) May be this is the case

If you can not find anything, contact me at esales.

Regards/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, Jan Servaites wrote:
>
> I have my kit finished and everything seems to work except I get no
> signal out. I have good OSC, CS, R, CLK, but nothing on the serial data
> line. With my scope connected to pin 18 on the PIC, I see nothing. The
> DDS's output is a high 3.5VDC all the time.
> Any ideas to try?
> Jan N8CBX
>

500. Remote USB Switch

Yahoo group: foxdelta
Date: 2013-02-09 06:35:32 UTC
From: foxdelta
Topic: 500 Message: 500

Hello

A new project based on PIC18F2550, " a remote USB Switch" is uploaded.
Project may be of interest to people looking for a remote control of household or radio related equipment.

Remote switch has 8 Relays and is powered by USB port. No external power is required. Relay contacts are good for 220V 1A A/C.

Project Firmware and PC Software for this project is by Tony/I2TZK

Please visit:

http://www.foxdelta.com/products/remote-usb-switch.htm

Kits are available with a free powder coated metal case.

73s/Dinesh Gajjar

501. Re: [foxdelta] Re: Problem with SWR Analyzer-No signal out

Yahoo group: foxdelta
Date: 2013-02-10 14:21:23 UTC
From: Jan Servaites
Topic: 498 Message: 501

I had two solder bridges and after finding & fixing them, the unit is working very well. This is awesome. It has told me more information on my tunable 34' vertical than I ever expected. Thanks F/D for all your work on this one. Its a winner!
Jan N8CBX

foxdelta wrote:

>
>
> Hello Jan
>
> DDS Module is supplied pre-tested on all frequency from 1 to 35MHZ.
> Keeping in view that module is good, following possibility may be a
> reason that there is no output from DDS:
>
> 1. Please check track connectivity from PIC to Data PIN of DDS. Track
> is on the top side of PCB.
>
> 2. Lift L1 from board and see if signal is present. DDS produces 10MHZ
> when not under software control.
>
> 3. If DDS Signal is present at L1, next check is required at ADA
> Amplifier. and then to Resistor T.
>
> I have noticed via connectivity problem on couple of boards(very rare)
> May be this is the case
>
> If you can not find anything, contact me at esales.
>
> Regards/Dinesh Gajjar
>
> --- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>,
> Jan Servaites wrote:
> >
> > I have my kit finished and everything seems to work except I get no
> > signal out. I have good OSC, CS, R, CLK, but nothing on the serial data
> > line. With my scope connected to pin 18 on the PIC, I see nothing. The
> > DDS's output is a high 3.5VDC all the time.
> > Any ideas to try?
> > Jan N8CBX
> >
>
>

502. Windows Driver for AAZ0612 ?

Yahoo group: foxdelta
Date: 2013-02-14 12:00:35 UTC
From: m6csk
Topic: 502 Message: 502

Hi all

I am having trouble with my new AAZ 0612.

Windows can only see a HID (Boot loader) on the USB. I never see any other USB devices other than my Mouse & Keyboard.
No blue LED.

The Kit is all assembled together and configured as follows.

125Mhz Oscillator with AD9850 (I have left out R12 and linked Pin 25 of the Pic18F2550 to ground.)As per instructions.

All the voltages seen to check out OK.

I can run the boot loader no problem.

The problem appears to be a driver issue.
Can anyone help ?

Many thanks

David M6CSK.

PS

I am new to forums so please forgive me if this topic has already been discussed previously.

503. Re: Windows Driver for AAZ0612 ?

Yahoo group: foxdelta
Date: 2013-02-14 15:27:15 UTC
From: i2tzktony
Topic: 502 Message: 503

Hi David
bootloader is activated by a low level voltage at pin25 / RB4 during power on.
Please verify that +5V is present at this pin, remove any jumper if present.
Did you burn the "FULL" hex file?

73's Tony, i2tzk

--- In foxdelta@yahoogroups.com, "m6csk" wrote:
>
> Hi all
>
> I am having trouble with my new AAZ 0612.
>
> Windows can only see a HID (Boot loader) on the USB. I never see any other USB devices other than my Mouse & Keyboard.
> No blue LED.
>
>
> The Kit is all assembled together and configured as follows.
>
> 125Mhz Oscillator with AD9850 (I have left out R12 and linked Pin 25 of the Pic18F2550 to ground.)As per instructions.
>
> All the voltages seen to check out OK.
>
> I can run the boot loader no problem.
>
> The problem appears to be a driver issue.
> Can anyone help ?
>
> Many thanks
>
> David M6CSK.
>
> PS
>
> I am new to forums so please forgive me if this topic has already been discussed previously.
>

504. Re: Windows Driver for AAZ0612 ?

Yahoo group: foxdelta
Date: 2013-02-14 16:02:30 UTC
From: m6csk
Topic: 502 Message: 504

Hi Tony.

Many thanks for your reply.
I have removed the link between pin 25 & Ground, and there is +5v present. Now the LED illuminates.

I have looked in the HID listing and it confirms that it is an SWR analyser.

Just to answer your other question, yes I did install the Full hex file.

When I launch the application I still get SWR analyser NOT connected.
I feel that it is nearly there.
Thanks again for your help.

David.

--- In foxdelta@yahoogroups.com, "i2tzktony" wrote:
>
> Hi David
> bootloader is activated by a low level voltage at pin25 / RB4 during power on.
> Please verify that +5V is present at this pin, remove any jumper if present.
> Did you burn the "FULL" hex file?
>
> 73's Tony, i2tzk
>
>
> --- In foxdelta@yahoogroups.com, "m6csk" wrote:
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> >
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> >
> > All the voltages seen to check out OK.
> >
> > I can run the boot loader no problem.
> >

> > The problem appears to be a driver issue.
> > Can anyone help ?
> >
> > Many thanks
> >
> > David M6CSK.
> >
> > PS
> >
> > I am new to forums so please forgive me if this topic has already been discussed previously.
> >
>

505. Re: Windows Driver for AAZ0612 ?

Yahoo group: foxdelta
Date: 2013-02-14 17:28:13 UTC
From: m6csk
Topic: 502 Message: 505

Fixed It.

The analyser now connects to the application.
I updated my copy on dot.net and all is well.

Now I need to start testing and learning with this device.

Thanks again.

David M6CSK.

--- In foxdelta@yahoogroups.com, "m6csk" wrote:
>
> Hi Tony.
>
> Many thanks for your reply.
> I have removed the link between pin 25 & Ground, and there is +5v present. Now the LED illuminates.
>
> I have looked in the HID listing and it confirms that it is an SWR analyser.
>
> Just to answer your other question, yes I did install the Full hex file.
>
> When I launch the application I still get SWR analyser NOT connected.
> I feel that it is nearly there.
> Thanks again for your help.
>
> David.
>
>
>
>
>
> --- In foxdelta@yahoogroups.com, "i2tzktony" wrote:
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> > Hi David
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> > Please verify that +5V is present at this pin, remove any jumper if present.
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> > 73's Tony, i2tzk
> >
> >
> > --- In foxdelta@yahoogroups.com, "m6csk" wrote:
> > >
> > > Hi all

> > >
> > > I am having trouble with my new AAZ 0612.
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> > > Windows can only see a HID (Boot loader) on the USB. I never see any other USB devices other than my Mouse & Keyboard.
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> > > The Kit is all assembled together and configured as follows.
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> > > The problem appears to be a driver issue.
> > > Can anyone help ?
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> > > Many thanks
> > >
> > > David M6CSK.
> > >
> > > PS
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> > > I am new to forums so please forgive me if this topic has already been discussed previously.
> > >
> >
>

506. Re: Windows Driver for AAZ0612 ?

Yahoo group: foxdelta
Date: 2013-02-14 17:40:54 UTC
From: i2tzktony
Topic: 502 Message: 506

David
thanks for your report, hope it works as you expect
73s Tony

--- In foxdelta@yahoogroups.com, "m6csk" wrote:
>
> Fixed It.
>
> The analyser now connects to the application.
> I updated my copy on dot.net and all is well.
>
> Now I need to start testing and learning with this device.
>
> Thanks again.
>
> David M6CSK.
>
> --- In foxdelta@yahoogroups.com, "m6csk" wrote:
> >
> > Hi Tony.
> >
> > Many thanks for your reply.
> > I have removed the link between pin 25 & Ground, and there is +5v present. Now the LED illuminates.
> >
> > I have looked in the HID listing and it confirms that it is an SWR analyser.
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> > Just to answer your other question, yes I did install the Full hex file.
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> > When I launch the application I still get SWR analyser NOT connected.
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> > Thanks again for your help.
> >
> > David.
> >
> >
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> >
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> > --- In foxdelta@yahoogroups.com, "i2tzktony" wrote:
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> > > Please verify that +5V is present at this pin, remove any jumper if present.
> > > Did you burn the "FULL" hex file?

> > >
> > > 73's Tony, i2tzk
> > >
> > >
> > > --- In foxdelta@yahoogroups.com, "m6csk" wrote:
> > > >
> > > > Hi all
> > > >
> > > > I am having trouble with my new AAZ 0612.
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> > > > Windows can only see a HID (Boot loader) on the USB. I never see any other USB devices other than my Mouse & Keyboard.
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> > > >
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> > > > The problem appears to be a driver issue.
> > > > Can anyone help ?
> > > >
> > > > Many thanks
> > > >
> > > > David M6CSK.
> > > >
> > > > PS
> > > >
> > > > I am new to forums so please forgive me if this topic has already been discussed previously.
> > > >
> > >
> >
>

507. DTMF Repeater Controller- help needed for code addon

Yahoo group: foxdelta
Date: 2013-02-23 21:35:52 UTC
From: Jaco Le roux
Topic: 507 Message: 507

Hi All,

I believe that there might be someone in this group that can help me, I'm not good with programming. I need to add a timer to this project that can help me with some security needs, I would like to make relay 7 and 8 to be run via DTMF and only run for X amount of time eg. 10 - 20 seconds and then it should reset, I don't want to re-enter the the kill DTMF to switch it off.

I hope that how I explained it is sufficient.

Thank you in advance.

Jaco

508. Antenna analyzer no workee

Yahoo group: foxdelta
Date: 2013-02-25 20:28:55 UTC
From: w4cwz
Topic: 508 Message: 508

Just finished up my AAZ 0912 and have a problem. When I plug it into the computer it loads the drivers for the boot loader, and the boot loader software seems to run and program the PIC OK. However the blue LED never lights and the Analyzer software never sees the analyzer board. Any suggestions on where to start? I have pin 25 of the PIC18F2550 grounded for the AD9850. Any ideas?

73,
W4CWZ John

509. Re: Antenna analyzer no workee

Yahoo group: foxdelta
Date: 2013-02-26 03:28:49 UTC
From: foxdelta
Topic: 508 Message: 509

Hello John

Most likely: PIN25 which has a pull-up and "Update" header on it, is grounded. Means, hardware is in "Update" mode.

Please remove shorting pin at "UPDATE" and if it is not there, check PIN25 status with a meter to see that its not grounded due to bad tracks or copper dust around.

73s/Dinesh

--- In foxdelta@yahoogroups.com, "w4cwz" <payne1j@...> wrote:
>
> Just finished up my AAZ 0912 and have a problem. When I plug it into the computer it loads the drivers for the boot loader, and the boot loader software seems to run and program the PIC OK. However the blue LED never lights and the Analyzer software never sees the analyzer board. Any suggestions on where to start? I have pin 25 of the PIC18F2550 grounded for the AD9850. Any ideas?
>
> 73,
> W4CWZ John
>

510. Re: Antenna analyzer no workee

Yahoo group: foxdelta
Date: 2013-02-26 03:35:31 UTC
From: foxdelta
Topic: 508 Message: 510

Hello

Sorry for mistake on pin numbers:

Yes, PIN25 to ground is correct for AD9850

Please check PIN26 status as its for "Update". It should be high all the time.

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
> Hello John
>
> Most likely: PIN25 which has a pull-up and "Update" header on it, is grounded. Means, hardware is in "Update" mode.
>
> Please remove shorting pin at "UPDATE" and if it is not there, check PIN25 status with a meter to see that its not grounded due to bad tracks or copper dust around.
>
> 73s/Dinesh
>
>
> --- In foxdelta@yahoogroups.com, "w4cwz" <payne1j@> wrote:
> >
> > Just finished up my AAZ 0912 and have a problem. When I plug it into the computer it loads the drivers for the boot loader, and the boot loader software seems to run and program the PIC OK. However the blue LED never lights and the Analyzer software never sees the analyzer board. Any suggestions on where to start? I have pin 25 of the PIC18F2550 grounded for the AD9850. Any ideas?
> >
> > 73,
> > W4CWZ John
> >
>

511. Re: Windows Driver for AAZ0612 ?

Yahoo group: foxdelta
Date: 2013-02-27 10:10:12 UTC
From: m6csk
Topic: 502 Message: 511

Hi Tony and all

Sorry to report, but I am still having problems with my AAZ 0612 kit.

The PC link and LED are all fine.
I am not getting any credible results from the unit. A 50 ohm load seems to give an SWR reading of 4.5 to 1 or worse. I have tried a few different dummy loads, same results. What ever I connect seems to give a flat response with very high swr readings.

What I can see is.

5v where expected.
I can see 125 Mhz signal (from the oscillator) on pin 9 of the AD9850.
Also under software control (initiate a sweep or one shot)with an oscilloscope I can see data coming from the PIC into pin 25 of the AD9850.

What I cannot seem to see is any signal out of pins 20 or 21 of the AD9850.

With the DDS removed I can see 75ohms between the socket pins 20 & 21 & 24ohms & 50ohms respectively to deck.

As per a previous post in this forum I also tried lifting L1 to see if I could see an output on pins 20 or 21, but nothing obvious.

Assuming that the the DDS was possibly faulty I purchased another chip and re tried that. I still cannot seem to see any signal at the output.

Please can you offer any advice ?

Many thanks

David M6CSK
looking deeper into electronics than I thought possible and enjoying it.

--- In foxdelta@yahoogroups.com, "i2tzktony" <i2tzk@...> wrote:
>
> David
> thanks for your report, hope it works as you expect
> 73s Tony
>
> --- In foxdelta@yahoogroups.com, "m6csk" wrote:
> >
> > Fixed It.
> >
> > The analyser now connects to the application.
> > I updated my copy on dot.net and all is well.
> >
> > Now I need to start testing and learning with this device.

> >
> > Thanks again.
> >
> > David M6CSK.
> >
> > --- In foxdelta@yahoogroups.com, "m6csk" wrote:
> > >
> > > Hi Tony.
> > >
> > > Many thanks for your reply.
> > > I have removed the link between pin 25 & Ground, and there is +5v present. Now the LED illuminates.
> > >
> > > I have looked in the HID listing and it confirms that it is an SWR analyser.
> > >
> > > Just to answer your other question, yes I did install the Full hex file.
> > >
> > > When I launch the application I still get SWR analyser NOT connected.
> > > I feel that it is nearly there.
> > > Thanks again for your help.
> > >
> > > David.
> > >
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> > >
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> > >
> > > --- In foxdelta@yahoogroups.com, "i2tzktony" wrote:
> > > >
> > > > Hi David
> > > > bootloader is activated by a low level voltage at pin25 / RB4 during power on.
> > > > Please verify that +5V is present at this pin, remove any jumper if present.
> > > > Did you burn the "FULL" hex file?
> > > >
> > > > 73's Tony, i2tzk
> > > >
> > > >
> > > > --- In foxdelta@yahoogroups.com, "m6csk" wrote:
> > > > >
> > > > > Hi all
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> > > > > I am having trouble with my new AAZ 0612.
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> > > > > No blue LED.
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> > > > > The Kit is all assembled together and configured as follows.
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> > > > > All the voltages seen to check out OK.
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> > > > > The problem appears to be a driver issue.
> > > > > Can anyone help ?
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> > > > > Many thanks
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> > > > > David M6CSK.
> > > > >
> > > > > PS
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> > > > > I am new to forums so please forgive me if this topic has already been discussed previously.
> > > > >
> > > >
> > >
> >
>

512. Re: Windows Driver for AAZ0612 ?

Yahoo group: foxdelta
Date: 2013-02-27 10:52:14 UTC
From: foxdelta
Topic: 502 Message: 512

Hello

Please ground PIN26. AAZ-0612 boards were made for 9851 (PIN26 left floating and internally held high) and firmware V3.0 was developed later for both 9851 and 9850.

Grounding PIN26 of PIC will enable suitable code for 9850 and it will produce 10.000MHZ (Without PC connection)

Please try this much and let me know progress

73s/Dinesh

--- In foxdelta@yahoogroups.com, "m6csk" <m6csk@...> wrote:
>
>
> Hi Tony and all
>
> Sorry to report, but I am still having problems with my AAZ 0612 kit.
>
> The PC link and LED are all fine.
> I am not getting any credible results from the unit. A 50 ohm load seems to give an SWR reading of 4.5 to 1 or worse. I have tried a few different dummy loads, same results. What ever I connect seems to give a flat response with very high swr readings.
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> What I can see is.
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> 5v where expected.
> I can see 125 Mhz signal (from the oscillator) on pin 9 of the AD9850.
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> With the DDS removed I can see 75ohms between the socket pins 20 & 21 & 24ohms & 50ohms respectively to deck.
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> As per a previous post in this forum I also tried lifting L1 to see if I could see an output on pins 20 or 21, but nothing obvious.
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> Assuming that the the DDS was possibly faulty I purchased another chip and re tried that. I still cannot seem to see any signal at the output.
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> Please can you offer any advice ?
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> Many thanks
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> David M6CSK
> looking deeper into electronics than I thought possible and enjoying it.
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> --- In foxdelta@yahoogroups.com, "i2tzktony" <i2tzk@> wrote:
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> > David
> > thanks for your report, hope it works as you expect
> > 73s Tony
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> > --- In foxdelta@yahoogroups.com, "m6csk" wrote:
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> > > > I have removed the link between pin 25 & Ground, and there is +5v present. Now the
LED illuminates.
> > > >
> > > > I have looked in the HID listing and it confirms that it is an SWR analyser.
> > > >
> > > > Just to answer your other question, yes I did install the Full hex file.
> > > >
> > > > When I launch the application I still get SWR analyser NOT connected.
> > > > I feel that it is nearly there.
> > > > Thanks again for your help.
> > > >
> > > > David.
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > --- In foxdelta@yahoogroups.com, "i2tzktony" wrote:
> > > > >
> > > > > Hi David
> > > > > bootloader is activated by a low level voltage at pin25 / RB4 during power on.
> > > > > Please verify that +5V is present at this pin, remove any jumper if present.
> > > > > Did you burn the "FULL" hex file?

> > > > >
> > > > > 73's Tony, i2tzk
> > > > >
> > > > >
> > > > > --- In foxdelta@yahoogroups.com, "m6csk" wrote:
> > > > > >
> > > > > > Hi all
> > > > > >
> > > > > > I am having trouble with my new AAZ 0612.
> > > > > >
> > > > > > Windows can only see a HID (Boot loader) on the USB. I never see any other USB devices other than my Mouse & Keyboard.
> > > > > > No blue LED.
> > > > > >
> > > > > >
> > > > > > The Kit is all assembled together and configured as follows.
> > > > > >
> > > > > > 125Mhz Oscillator with AD9850 (I have left out R12 and linked Pin 25 of the Pic18F2550 to ground.)As per instructions.
> > > > > >
> > > > > > All the voltages seen to check out OK.
> > > > > >
> > > > > > I can run the boot loader no problem.
> > > > > >
> > > > > > The problem appears to be a driver issue.
> > > > > > Can anyone help ?
> > > > > >
> > > > > > Many thanks
> > > > > >
> > > > > > David M6CSK.
> > > > > >
> > > > > > PS
> > > > > >
> > > > > > I am new to forums so please forgive me if this topic has already been discussed previously.
> > > > > >
> > > > >
> > > >
> > >
> >
>

513. Re: Windows Driver for AAZ0612 ?

Yahoo group: foxdelta
Date: 2013-02-27 13:08:52 UTC
From: m6csk
Topic: 502 Message: 513

Hi Dinesh and the team.

Many thanks for the reply.

Grounding Pin 26 of the PIC seems to have done the trick.
I will continue testing on real antennas this week.

Thanks again

David M6CSK

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
>
>
>
> Hello
>
> Please ground PIN26. AAZ-0612 boards were made for 9851 (PIN26 left floating and internally held high) and firmware V3.0 was developed later for both 9851 and 9850.
>
> Grounding PIN26 of PIC will enable suitable code for 9850 and it will produce 10.000MHZ (Without PC connection)
>
> Please try this much and let me know progress
>
> 73s/Dinesh
>
>
> --- In foxdelta@yahoogroups.com, "m6csk" <m6csk@> wrote:
> >
> >
> > Hi Tony and all
> >
> > Sorry to report, but I am still having problems with my AAZ 0612 kit.
> >
> > The PC link and LED are all fine.
> > I am not getting any credible results from the unit. A 50 ohm load seems to give an SWR reading of 4.5 to 1 or worse. I have tried a few different dummy loads, same results. What ever I connect seems to give a flat response with very high swr readings.
> >
> > What I can see is.
> >
> > 5v where expected.

> > I can see 125 Mhz signal (from the oscillator) on pin 9 of the AD9850.
> > Also under software control (initiate a sweep or one shot)with an oscilloscope I can see data coming from the PIC into pin 25 of the AD9850.
> >
> > What I cannot seem to see is any signal out of pins 20 or 21 of the AD9850.
> >
> > With the DDS removed I can see 75ohms between the socket pins 20 & 21 & 24ohms & 50ohms respectively to deck.
> >
> > As per a previous post in this forum I also tried lifting L1 to see if I could see an output on pins 20 or 21, but nothing obvious.
> >
> > Assuming that the the DDS was possibly faulty I purchased another chip and re tried that. I still cannot seem to see any signal at the output.
> >
> > Please can you offer any advice ?
> >
> > Many thanks
> >
> > David M6CSK
> > looking deeper into electronics than I thought possible and enjoying it.
> >
> > --- In foxdelta@yahoogroups.com, "i2tzktony" <i2tzk@> wrote:
> > >
> > > David
> > > thanks for your report, hope it works as you expect
> > > 73s Tony
> > >
> > > --- In foxdelta@yahoogroups.com, "m6csk" wrote:
> > > >
> > > > Fixed It.
> > > >
> > > > The analyser now connects to the application.
> > > > I updated my copy on dot.net and all is well.
> > > >
> > > > Now I need to start testing and learning with this device.
> > > >
> > > > Thanks again.
> > > >
> > > > David M6CSK.
> > > >
> > > > --- In foxdelta@yahoogroups.com, "m6csk" wrote:
> > > > >
> > > > > Hi Tony.
> > > > >
> > > > > Many thanks for your reply.
> > > > > I have removed the link between pin 25 & Ground, and there is +5v present. Now the LED illuminates.
> > > > >
> > > > > I have looked in the HID listing and it confirms that it is an SWR analyser.

> > > > >
> > > > > Just to answer your other question, yes I did install the Full hex file.
> > > > >
> > > > > When I launch the application I still get SWR analyser NOT connected.
> > > > > I feel that it is nearly there.
> > > > > Thanks again for your help.
> > > > >
> > > > > David.
> > > > >
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> > > > >
> > > > > --- In foxdelta@yahoogroups.com, "i2tzktony" wrote:
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> > > > > > Hi David
> > > > > > bootloader is activated by a low level voltage at pin25 / RB4 during power on.
> > > > > > Please verify that +5V is present at this pin, remove any jumper if present.
> > > > > > Did you burn the "FULL" hex file?
> > > > > >
> > > > > > 73's Tony, i2tzk
> > > > > >
> > > > > >
> > > > > > --- In foxdelta@yahoogroups.com, "m6csk" wrote:
> > > > > > >
> > > > > > > Hi all
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> > > > > > > I am having trouble with my new AAZ 0612.
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> > > > > > > Windows can only see a HID (Boot loader) on the USB. I never see any other
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> > > > > > > No blue LED.
> > > > > > >
> > > > > > >
> > > > > > > The Kit is all assembled together and configured as follows.
> > > > > > >
> > > > > > > 125Mhz Oscillator with AD9850 (I have left out R12 and linked Pin 25 of the
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> > > > > > >
> > > > > > > All the voltages seen to check out OK.
> > > > > > >
> > > > > > > I can run the boot loader no problem.
> > > > > > >
> > > > > > > The problem appears to be a driver issue.
> > > > > > > Can anyone help ?
> > > > > > >
> > > > > > > Many thanks
> > > > > > >
> > > > > > > David M6CSK.
> > > > > > >

> > > > > > > PS
> > > > > > >
> > > > > > > I am new to forums so please forgive me if this topic has already been discussed previously.
> > > > > > >
> > > > > >
> > > > >
> > > >
> >
>

514. ST2

Yahoo group: foxdelta
Date: 2013-02-28 03:36:17 UTC
From: Kyle
Topic: 132 Message: 514

Hello,

I have a ST2 interface, and am wondering if anyone else is using a non-Yaesu rotator? I have a Yaesu G500a for elevation, and a CDE/Hygain Ham II for azimuth. This setup worked well with my Kansas City Tracker board, and the Yaesu G500a part of the system works PERFECT.

The trouble is, no matter what software I use, or even if I manually issue pointing commands via serial terminal, the ST2 will stop my
rotator too early, resulting in offpointing by about 20 degrees. I am using the same voltage divider that I used on my KCT, so the ST2 is seeing a 0-5v reading from the azimuth rotor POT. The LCD display matches the analog display within a degree, so the ST2 knows correctly where the azimuth rotator is aimed.

My PC is communicating with the ST2 perfectly, I can see the display on the LCD of where the rotator should stop (say 300 degrees) but it will actually stop at 280 or 320 for example. Unlike my KCT, the ST2 will only make one attempt to aim. The KCT would stop the rotation, let the rotators and antennas settle for a second, then fine tune again if neccessary.

I believe that this can be resolved by changing the sample rate or something else very minor. I've found the source code, and even tried twice to contact the author. I guess that because I didn't buy his LVB Tracker, he refuses to answer my emails?

I have tried many nights to compile the source, even without making any changes. MPLAB says I need a C compiler, etc, and I've tried everything I can think of to add one.

I even bought an extra PIC for testing, etc, and put the .09 firmware on it, so now I have two PICs, one with 0.7 and one with 0.9. Both versions do the very same thing.

Can anyone help? I'd like to be able to release a new version of the HEX file for the next guy in this situation. I really don't think it's necessary for me to sell my Ham II and buy a Yaesu rotator for this to work.

73 and thanks for any suggestions.

Kyle
K0KN
Olathe, KS

515. Re: [foxdelta] ST2

Yahoo group: foxdelta
Date: 2013-02-28 18:02:46 UTC
From: Jim Jerzycke
Topic: 132 Message: 515

Hi, Kyle

Have you tried posting this to the AMSAT-BB mail reflector?

I'm using an ST2, but I have Yaesu rotators.

73, Jim

On 02/28/2013 03:36 AM, Kyle wrote:
>
> Hello,
>
> I have a ST2 interface, and am wondering if anyone else is using a
> non-Yaesu rotator? I have a Yaesu G500a for elevation, and a
> CDE/Hygain Ham II for azimuth. This setup worked well with my Kansas
> City Tracker board, and the Yaesu G500a part of the system works PERFECT.
>
> The trouble is, no matter what software I use, or even if I manually
> issue pointing commands via serial terminal, the ST2 will stop my
> rotator too early, resulting in offpointing by about 20 degrees. I am
> using the same voltage divider that I used on my KCT, so the ST2 is
> seeing a 0-5v reading from the azimuth rotor POT. The LCD display
> matches the analog display within a degree, so the ST2 knows correctly
> where the azimuth rotator is aimed.
>
> My PC is communicating with the ST2 perfectly, I can see the display
> on the LCD of where the rotator should stop (say 300 degrees) but it
> will actually stop at 280 or 320 for example. Unlike my KCT, the ST2
> will only make one attempt to aim. The KCT would stop the rotation,
> let the rotators and antennas settle for a second, then fine tune
> again if neccessary.
>
> I believe that this can be resolved by changing the sample rate or
> something else very minor. I've found the source code, and even tried
> twice to contact the author. I guess that because I didn't buy his LVB
> Tracker, he refuses to answer my emails?
>
> I have tried many nights to compile the source, even without making
> any changes. MPLAB says I need a C compiler, etc, and I've tried
> everything I can think of to add one.
>
> I even bought an extra PIC for testing, etc, and put the .09 firmware
> on it, so now I have two PICs, one with 0.7 and one with 0.9. Both
> versions do the very same thing.
>
> Can anyone help? I'd like to be able to release a new version of the

> HEX file for the next guy in this situation. I really don't think it's
> necessary for me to sell my Ham II and buy a Yaesu rotator for this to
> work.
>
> 73 and thanks for any suggestions.
>
> Kyle
> K0KN
> Olathe, KS
>
>

516. SDR

Yahoo group: foxdelta
Date: 2013-03-02 19:40:17 UTC
From: Carolyn
Topic: 516 Message: 516

Hello! I am interested in finding out if any of the design team is developing a SDR in kit form? It seems that these little whiz boxes are the hot topic for Ham radio. Appreciate any and all thoughts.

517. Re: Antenna analyzer no workee

Yahoo group: foxdelta
Date: 2013-03-05 22:42:39 UTC
From: w4cwz
Topic: 508 Message: 517

Sorry for long delay. I have a FD-AAZ-0612 board, but ordered the 0912 kit. There seem to be many differences between the two boards, from what I can see in the pictures. There is no header for grounding pin 25 or 26 of the MCU, position of the AAD9850 board is different, etc. Could this be my problem? With pin 25 grounded, there is no LED lit, but the PC loads drivers. If I unground pin 25 the LED lights, blinks once and the software reports "Not Found". I can not get the software to recognize the analyzer at all. With pin 26 grounded the Boot loader works but no analyzer.

Dis I get a mis-packed kit? Is the MCU blown due to my troubleshooting efforts? Do I need a new kit? Help!

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
> Hello
>
> Sorry for mistake on pin numbers:
>
> Yes, PIN25 to ground is correct for AD9850
>
> Please check PIN26 status as its for "Update". It should be high all the time.
>
> 73s/Dinesh Gajjar
>
>
> --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@> wrote:
> >
> >
> >
> > Hello John
> >
> > Most likely: PIN25 which has a pull-up and "Update" header on it, is grounded. Means, hardware is in "Update" mode.
> >
> > Please remove shorting pin at "UPDATE" and if it is not there, check PIN25 status with a meter to see that its not grounded due to bad tracks or copper dust around.
> >
> > 73s/Dinesh
> >
> >
> > --- In foxdelta@yahoogroups.com, "w4cwz" <payne1j@> wrote:
> > >
> > > Just finished up my AAZ 0912 and have a problem. When I plug it into the computer it loads the drivers for the boot loader, and the boot loader software seems to run and

program the PIC OK. However the blue LED never lights and the Analyzer software never sees the analyzer board. Any suggestions on where to start? I have pin 25 of the PIC18F2550 grounded for the AD9850. Any ideas?
> > >
> > > 73,
> > > W4CWZ John
> > >
> >
>

518. Re: Antenna analyzer no workee

Yahoo group: foxdelta
Date: 2013-03-06 04:40:29 UTC
From: foxdelta
Topic: 508 Message: 518

Hello John

You wanted AAZ-0612 kits with Add-on 125MHZ DIP Osc, AD9850 and AD8307 on SO8/DIP carrier. That is what was sent. You did not order for 0912 kits (Your ref: 4920582340) as I did not have 0912 kits in stock when you placed order for 0612 kit.

Although there are difference in AAZ0612 and 0912 boards, basic design is same. 0912 was made to accommodate SMT OSC, SMT AD8307 etc and was provided a header on PIN26 for selection of AD9851 or 50.

On AAZ-0612 boards, please ground PIN26 when using AD9850 as 0612 kits were designed specifically for AD9851. Once PIN26 is grounded, everything is just same as 0912 kits.

PIN25 is for update of program using internal bootloader of PIC2550. PICs are supplied preprogrammed with V3.0 firmware and no new update is available at moment means, no update is required to supplied PIC2550.

If you have any more problem please contact me at vu2fd@foxdelta.com

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "w4cwz" <payne1j@...> wrote:
>
> Sorry for long delay. I have a FD-AAZ-0612 board, but ordered the 0912 kit. There seem to be many differences between the two boards, from what I can see in the pictures. There is no header for grounding pin 25 or 26 of the MCU, position of the AAD9850 board is different, etc. Could this be my problem? With pin 25 grounded, there is no LED lit, but the PC loads drivers. If I unground pin 25 the LED lights, blinks once and the software reports "Not Found". I can not get the software to recognize the analyzer at all. With pin 26 grounded the Boot loader works but no analyzer.
>
> Dis I get a mis-packed kit? Is the MCU blown due to my troubleshooting efforts? Do I need a new kit? Help!
>
> --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@> wrote:
> >
> >
> >
> > Hello
> >
> > Sorry for mistake on pin numbers:
> >
> > Yes, PIN25 to ground is correct for AD9850
> >
> > Please check PIN26 status as its for "Update". It should be high all the time.
> >
> > 73s/Dinesh Gajjar

> >
> >
> > --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@> wrote:
> > >
> > >
> > >
> > > Hello John
> > >
> > > Most likely: PIN25 which has a pull-up and "Update" header on it, is grounded. Means, hardware is in "Update" mode.
> > >
> > > Please remove shorting pin at "UPDATE" and if it is not there, check PIN25 status with a meter to see that its not grounded due to bad tracks or copper dust around.
> > >
> > > 73s/Dinesh
> > >
> > >
> > > --- In foxdelta@yahoogroups.com, "w4cwz" <payne1j@> wrote:
> > > >
> > > > Just finished up my AAZ 0912 and have a problem. When I plug it into the computer it loads the drivers for the boot loader, and the boot loader software seems to run and program the PIC OK. However the blue LED never lights and the Analyzer software never sees the analyzer board. Any suggestions on where to start? I have pin 25 of the PIC18F2550 grounded for the AD9850. Any ideas?
> > > >
> > > > 73,
> > > > W4CWZ John
> > > >
> > >
> >
>

519. AAZ-0912 SWR Kit

Yahoo group: foxdelta
Date: 2013-03-16 19:10:46 UTC
From: mlst79
Topic: 519 Message: 519

Hi all,

Just finished my kit. Analyzer comes up and connects to the pc...Everything seems to work ok except the actual SWR measurment of my antenna...SWR is showing as infinite...I hooked up a dummy load to the analyzer and see 1.06 swr across all frequencies in rf generator mode. To calibrate unit I shorted a pl259 connector that I have plugged into a BNC/UHF adaptor. I am reading about 0.3 ohms using this method. Is that enough to throw off unit..

thx

520. SC2 Soundcard Interface Kit Help

Yahoo group: foxdelta
Date: 2013-03-17 18:36:40 UTC
From: kg8oc
Topic: 520 Message: 520

Hi All,

I'm building this kit for a friend, and I have it done, but was going to start testing it, and I'm not sure if I have ran into a problem already or not. I connected a USB cable, and switched the switch ON for USB power. Then pushed the power button, and see nothing. Should the COR light come on showing that the COR has power? I just want to make sure everything is working correctly before returning back the my friend for use. Thanks for any help anybody provide in the testing process.

73, Tim KG8OC

521. Re: AAZ-0912 SWR Kit

Yahoo group: foxdelta
Date: 2013-03-17 23:06:56 UTC
From: mlst79
Topic: 519 Message: 521

---UPDATE---

Hello all again,

I figured out what was going on with my analyzer. I was getting rf on the coax from a near by BC station. I added a balun isolator and wow, I started getting SWR readings that were normal. I must say I am impressed with this little analyzer. For the money nothing touches it.

Thx Fox Delta Team....

--- In foxdelta@yahoogroups.com, "mlst79" <mlst79@...> wrote:
>
> Hi all,
>
> Just finished my kit. Analyzer comes up and connects to the pc...Everything seems to work ok except the actual SWR measurment of my antenna...SWR is showing as infinite...I hooked up a dummy load to the analyzer and see 1.06 swr across all frequencies in rf generator mode. To calibrate unit I shorted a pl259 connector that I have plugged into a BNC/UHF adaptor. I am reading about 0.3 ohms using this method. Is that enough to throw off unit..
>
> thx
>

522. Antenna analyzer

Yahoo group: foxdelta
Date: 2013-03-18 01:46:17 UTC
From: Phillip
Topic: 522 Message: 522
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Dinesh,
Just getting around to build this kit and I noticed
on the board a U1 has the 2 middle pins soldered together by C 3 + and C1
this solder looks like an overflow and if its not meant to be there will be
rather hard to remove.

I only noticed this after I started installing the resistors ..

Cheers
Phillip
ZL2TZE

523. Re: Antenna analyzer

Yahoo group: foxdelta
Date: 2013-03-18 05:28:39 UTC
From: foxdelta
Topic: 522 Message: 523

Hello

If you look at schematic, two power pins are tied togather.
There is nothing wrong with solder-overflow etc. I soldered that board myself and I am sure that each of the 3 SMT parts are soldered well.

73s/Dinesh

--- In foxdelta@yahoogroups.com, "Phillip" <zl2tze@...> wrote:
>
>
> Hi Dinesh,
> Just getting around to build this kit and I noticed
> on the board a U1 has the 2 middle pins soldered together by C 3 + and C1
> this solder looks like an overflow and if its not meant to be there will be
> rather hard to remove.
>
> I only noticed this after I started installing the resistors ..
>
> Cheers
> Phillip
> ZL2TZE
>

524. Re: SC2 Soundcard Interface Kit Help

Yahoo group: foxdelta
Date: 2013-03-18 05:39:59 UTC
From: foxdelta
Topic: 520 Message: 524

Hello

Please look at SC2 Schematic: http://www.foxdelta.com/products/sound/sc2/sc2-schematic.jpg

For USB Power operation, set SW2 to "USB PWR"

Put ON SW1 "A" so that USB power reaches input circuit.(COR PULL-UP)

COR LED will not light by using DC or USB POwer. It will light only when +5V is received for COR from RJ45 connector (RJ45 PIN2)

73s/Dinesh

--- In foxdelta@yahoogroups.com, "kg8oc" <timkg8oc@...> wrote:
>
> Hi All,
>
> I'm building this kit for a friend, and I have it done, but was going to start testing it, and I'm not sure if I have ran into a problem already or not. I connected a USB cable, and switched the switch ON for USB power. Then pushed the power button, and see nothing. Should the COR light come on showing that the COR has power? I just want to make sure everything is working correctly before returning back the my friend for use. Thanks for any help anybody provide in the testing process.
>
> 73, Tim KG8OC
>

525. Re: [foxdelta] Re: Antenna analyzer

Yahoo group: foxdelta
Date: 2013-03-21 21:58:00 UTC
From: Phillip
Topic: 522 Message: 525
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Dinesh,
Thank you I was only checking before I finish it off I'll
carry on many thanks

Phillip
ZL2TZE

-------Original Message-------

From: foxdelta
Date: 18/03/2013 5:29:16 p.m.
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Re: Antenna analyzer

Hello

If you look at schematic, two power pins are tied togather.
There is nothing wrong with solder-overflow etc. I soldered that board
myself and I am sure that each of the 3 SMT parts are soldered well.

73s/Dinesh

--- In foxdelta@yahoogroups.com, "Phillip" <zl2tze@...> wrote:
>
>
> Hi Dinesh,
> Just getting around to build this kit and I noticed
> on the board a U1 has the 2 middle pins soldered together by C 3 + and C1
> this solder looks like an overflow and if its not meant to be there will
be
> rather hard to remove.
>
> I only noticed this after I started installing the resistors ..
>
> Cheers
> Phillip
> ZL2TZE
>

526. SWM Bridges calibration proceedure

Yahoo group: foxdelta
Date: 2013-03-23 18:35:54 UTC
From: Jan Servaites
Topic: 526 Message: 526

I need clarifications on some areas:
1) In the SWM-2 calibration procedures (I assume applies to SMW-3 too):
http://foxdelta.com/products/swr/swm2/swm2-calibration.pdf
they say on page 1, steps 6&7, it says to set diode bias to 0.65V. Then another cal procedure at:
http://camradio.net/FoxDelta.html
They say to NOT to follow this, but instead set the bias to 0.0V, because diodes could cut-off and cause reading cycle problems. WHAT DO WE DO?

2) The bridge tuning cap (CV) is not included in any cal procedure, and I think it's purpose is to peak up the bridge sensitivity (null out any reactance of the bridge coax?) . I have questioned the purpose of CV here before and Dinesh said to minimize the capacitance of CV, I think? Is that still correct?

3) I built a new SWM-3 and I see no mention of what is the "mode" switch's function? I see its just open or grounded in schematics. It might be better to relocate the sw to the back panel, if it's purpose is tell the PIC if the use is PC or stand-alone? Access to the sw is very tight, can't see it.

4) Stand-alone mode power input - Where does one input unregulated (9V or 12V) DC power to the SWM-3? I can use a USB plug (cut off from the USB cable) and put 5V regulated power on the power connections? (That requires an off-board 5V regulator & caps, correct?)

5) Common Anode (CA) LEDs - I have no guidance as to the orentation of the CA anode leads into it's PCB. After a few hours of reading and using the button controls, I would assume the correct orentation is to have the green LED light up (for both A & B bridiges) when in the 1KW range. The red LEDs will light when the SWR is in the alarm state of HIGH SWR. The SWM-3 has a change in LED types; They are both CA types. The SWM-2 LED's has one CA and one Common Cathode (CC). I didn't see that change mentioned anywhere when starting on the SMW-3 assembly. It got me confused for a little bit because its different from the SWM-2 boards that I built, but no big deal.
Jan
N8CBX
73

528. Re: SWM Bridges calibration proceedure

Yahoo group: foxdelta
Date: 2013-03-24 06:40:20 UTC
From: foxdelta
Topic: 526 Message: 528

Hello Jan

1. I suggest you start with 0V on diodes.(No bias)

2. CV is to adjust/clear any stray/other capacity to obtain final good SWR measurement. Keep it at minimum to start with and change only if needed.

3. SWM3 is pure USB device. There is no provision for external supply voltage. For that purpose we made SWM2.

4. Stand-alone mode means: USB Powered but no PC link is required. You can use USB 5V adapters available in market to power it.

5. CA LEDs are with center pin as common Anode and two other legs for two colors. Usually, little longer is red and shorter green.

IN SWM3, both leds are CA type. In SWM2, they are one CA and other CC.

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, Jan Servaites <jservaites@...> wrote:
>
> I need clarifications on some areas:
> 1) In the SWM-2 calibration procedures (I assume applies to SMW-3 too):
> http://foxdelta.com/products/swr/swm2/swm2-calibration.pdf
> they say on page 1, steps 6&7, it says to set diode bias to 0.65V. Then
> another cal procedure at:
> http://camradio.net/FoxDelta.html
> They say to NOT to follow this, but instead set the bias to 0.0V,
> because diodes could cut-off and cause reading cycle problems. WHAT DO
> WE DO?
>
> 2) The bridge tuning cap (CV) is not included in any cal procedure, and
> I think it's purpose is to peak up the bridge sensitivity (null out any
> reactance of the bridge coax?) . I have questioned the purpose of CV
> here before and Dinesh said to minimize the capacitance of CV, I think?
> Is that still correct?
>
> 3) I built a new SWM-3 and I see no mention of what is the "mode"
> switch's function? I see its just open or grounded in schematics. It
> might be better to relocate the sw to the back panel, if it's purpose is
> tell the PIC if the use is PC or stand-alone? Access to the sw is very
> tight, can't see it.
>
> 4) Stand-alone mode power input - Where does one input unregulated (9V
> or 12V) DC power to the SWM-3? I can use a USB plug (cut off from the
> USB cable) and put 5V regulated power on the power connections? (That

> requires an off-board 5V regulator & caps, correct?)
>
> 5) Common Anode (CA) LEDs - I have no guidance as to the orentation of
> the CA anode leads into it's PCB. After a few hours of reading and using
> the button controls, I would assume the correct orentation is to have
> the green LED light up (for both A & B bridiges) when in the 1KW range.
> The red LEDs will light when the SWR is in the alarm state of HIGH SWR.
> The SWM-3 has a change in LED types; They are both CA types. The SWM-2
> LED's has one CA and one Common Cathode (CC). I didn't see that change
> mentioned anywhere when starting on the SMW-3 assembly. It got me
> confused for a little bit because its different from the SWM-2 boards
> that I built, but no big deal.
> Jan
> N8CBX
> 73
>

529. antenna anlyzer

Yahoo group: foxdelta
Date: 2013-03-28 18:11:54 UTC
From: catjal2000
Topic: 529 Message: 529

i just got your antenna anlyzer is the 125 mhz osc. used
for the generator mode (to extend range) or can it be used
to extend the sweep range and exten the generator?
wb4kdy

530. SWRA v4.00

Yahoo group: foxdelta
Date: 2013-04-05 15:58:52 UTC
From: i2tzktony
Topic: 530 Message: 530

Hi guys
announcing the new SWRA f/w and s/w v4.00

Because the new GUI improvements and features both f/w and s/w updates are required.

New features:
- Noise filter
- new print layout for graph and tables
- new export function

GUI improvements:
- band limits
- multiscan editable labels
- notes
- power Loss and ERP %

V4.00 can be downloaded from my site www.i2tzk.com

Enjoy, 73's Tony

531. To Steve?

Yahoo group: foxdelta
Date: 2013-04-05 17:09:58 UTC
From: Frank
Topic: 531 Message: 531

Steve,
If you are the one who called the other day regarding questions about the FC3, please call again. You gave your phone number so fast, I could not understand it in my voicemail. I attempted to call back but do not have the correct number.
Thanks,
Frank - K7SFN

532. SWRA v4 firmware load instructions needed

Yahoo group: foxdelta
Date: 2013-04-17 00:31:50 UTC
From: trollsdad
Topic: 532 Message: 532

When I ran the new V4 software it wanted me to update the FW to v4.

When I downloaded the v4 software there was an HID loader and two hex files. One was v4 firmware and the other was v4 update. I have looked in all of the documentation and have found no directions on how to load the new firmware. I have a pretty good guess that it involves jumpering the FW update pins and running the HID program. However do I load both the V4 hex file followed by the v4 update?

David

533. FW upload

Yahoo group: foxdelta
Date: 2013-04-17 00:53:55 UTC
From: David Christ
Topic: 533 Message: 533

Where are the instructions for loading new FW on the SWR Analyzer? Does one need to load both V4 and V4 update?

David

534. Re: SWRA v4 firmware load instructions needed

Yahoo group: foxdelta
Date: 2013-04-17 01:46:14 UTC
From: foxdelta
Topic: 532 Message: 534

Hello

Normal procedure is:

Keep new hex file ready. The "update" one.
Insert shorting pin at "Update"
Power up AAZ
Run bootloader program on PC and select new update file.

Bootloader program and related info will be in same zip that you downloaded from I2TZK webpage.

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "trollsdad" <itsfree@...> wrote:
>
> When I ran the new V4 software it wanted me to update the FW to v4.
>
> When I downloaded the v4 software there was an HID loader and two hex files. One was v4 firmware and the other was v4 update. I have looked in all of the documentation and have found no directions on how to load the new firmware. I have a pretty good guess that it involves jumpering the FW update pins and running the HID program. However do I load both the V4 hex file followed by the v4 update?
>
> David
>

535. Re: [foxdelta] FW upload

Yahoo group: foxdelta
Date: 2013-04-17 04:45:52 UTC
From: Dennis Rogers
Topic: 533 Message: 535

You need to download the following file and read the "Firmware Update" section.
Sorry it was left out of the v4.0 Guide.

SWR Analyzer User Guide v3.02

73's
Dennis
N5VRP

On Tue, Apr 16, 2013 at 7:53 PM, David Christ <itsfree@...> wrote:

> **
>
>
> Where are the instructions for loading new FW on the SWR Analyzer? Does
> one need to load both V4 and V4 update?
>
> David
>
>

--

Dennis, N5VRP
n5vrp.satx@...

536. Recieved my SWR Analyzer yesterday

Yahoo group: foxdelta
Date: 2013-04-17 08:20:56 UTC
From: Philip
Topic: 536 Message: 536

Built it last night, upgraded firmware to the new version
and it worked perfectly.
This is a lovely bit of test gear for my QRP bench and will
be a great resource for tweaking antennas and getting my
LP filters set up properly..

Out of interest, the software is set at 1Mhz to 35Mhz.
I see you can adjust the top and bottom settings so what are
the limits to the frequency range you can set whilst still
getting correct performance?
Just wondered if it was OK down on the MF/LF bands 130Khz to 480Kz
coverage...

Many thanks for supplying this great value kit

Regards
Philip G4JVF

537. Re: Recieved my SWR Analyzer yesterday

Yahoo group: foxdelta
Date: 2013-04-17 08:38:22 UTC
From: i2tzktony
Topic: 536 Message: 537

Philip
f/w and s/w could be adjusted to a large frequency range, limits depend mainly on the h/w. Pcb layout and components are optimized to work in the range 1-35MHz, you should revise the lp filter to increase the upper limit, the ADA amplifier and capacitors to extend down the frequency.
Ciao Tony

--- In foxdelta@yahoogroups.com, "Philip" <pcteee@...> wrote:
>
> Built it last night, upgraded firmware to the new version
> and it worked perfectly.
> This is a lovely bit of test gear for my QRP bench and will
> be a great resource for tweaking antennas and getting my
> LP filters set up properly..
>
> Out of interest, the software is set at 1Mhz to 35Mhz.
> I see you can adjust the top and bottom settings so what are
> the limits to the frequency range you can set whilst still
> getting correct performance?
> Just wondered if it was OK down on the MF/LF bands 130Khz to 480Kz
> coverage...
>
> Many thanks for supplying this great value kit
>
> Regards
> Philip G4JVF
>

538. Re: Recieved my SWR Analyzer yesterday

Yahoo group: foxdelta
Date: 2013-04-17 11:49:47 UTC
From: Philip
Topic: 536 Message: 538

Thanks Tony..

--- In foxdelta@yahoogroups.com, "i2tzktony" <i2tzk@...> wrote:
>
> Philip
> f/w and s/w could be adjusted to a large frequency range, limits depend mainly on the h/w.
> Pcb layout and components are optimized to work in the range 1-35MHz, you should revise the lp filter to increase the upper limit, the ADA amplifier and capacitors to extend down the frequency.
> Ciao Tony
>
> --- In foxdelta@yahoogroups.com, "Philip" <pcteee@> wrote:
> >
> > Built it last night, upgraded firmware to the new version
> > and it worked perfectly.
> > This is a lovely bit of test gear for my QRP bench and will
> > be a great resource for tweaking antennas and getting my
> > LP filters set up properly..
> >
> > Out of interest, the software is set at 1Mhz to 35Mhz.
> > I see you can adjust the top and bottom settings so what are
> > the limits to the frequency range you can set whilst still
> > getting correct performance?
> > Just wondered if it was OK down on the MF/LF bands 130Khz to 480Kz
> > coverage...
> >
> > Many thanks for supplying this great value kit
> >
> > Regards
> > Philip G4JVF
> >
>

539. Re: SWRA v4.00

Yahoo group: foxdelta
Date: 2013-04-17 21:29:32 UTC
From: yhfub88
Topic: 530 Message: 539

--- In foxdelta@yahoogroups.com, "i2tzktony" <i2tzk@...> wrote:
>
> Hi guys
> announcing the new SWRA f/w and s/w v4.00
>

>
>
> V4.00 can be downloaded from my site www.i2tzk.com
>
> Enjoy, 73's Tony
>

I download the V4.00 but it needs the version 4.0 firmware.
Where can I download the 4.0 firmware ?

I update the firmware with the one inside the zip file but
the analyzer said it still looking for V4.00 firmware.

VA3YH

540. Re: SWRA v4.00

Yahoo group: foxdelta
Date: 2013-04-17 21:33:04 UTC
From: yhfub88
Topic: 530 Message: 540

--- In foxdelta@yahoogroups.com, "i2tzktony" <i2tzk@...> wrote:
>
> Hi guys
> announcing the new SWRA f/w and s/w v4.00

Ignore my previous message,
I have my unit updated now.

Thanks

VA3YH

541. aaz-0912

Yahoo group: foxdelta
Date: 2013-04-18 09:22:09 UTC
From: m3ayy2000
Topic: 541 Message: 541

Hi
I have helped my mate build the analyser and have had a problem with windows 7 on his computer it wiped his operating system and he as had to do a reinstall.
I have had the unit on my computer running window 7 and it does not auto detect and install the drivers.
73 Paul 2E0AYY

542. Re: FW upload

Yahoo group: foxdelta
Date: 2013-04-18 03:53:36 UTC
From: trollsdad
Topic: 533 Message: 542

I got it going just fine -- thanks. But I have not been able to find the V4 Guide. It is not in the V4 zip file. I did locate a v 3.02 Guide but none for V 4.

David
K0LUM

--- In foxdelta@yahoogroups.com, Dennis Rogers <n5vrp.satx@...> wrote:
>
> You need to download the following file and read the "Firmware Update"
> section.
> Sorry it was left out of the v4.0 Guide.
>
> *SWR Analyzer User Guide v3.02*
>
> 73's
> Dennis
> N5VRP
>

543. Re: aaz-0912

Yahoo group: foxdelta
Date: 2013-04-18 14:17:34 UTC
From: foxdelta
Topic: 541 Message: 543

Hello

Possibility is that your 20MHZ Osc is not working. This happens to few 20MHZ Crystals.(Having excessive internal capacity)

Just lift 22pf caps (one by one) and it should work.

Let me know if all ok

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "m3ayy2000" <paul.2e0ayy@...> wrote:
>
> Hi
> I have helped my mate build the analyser and have had a problem with windows 7 on his computer it wiped his operating system and he as had to do a reinstall.
> I have had the unit on my computer running window 7 and it does not auto detect and install the drivers.
> 73 Paul 2E0AYY
>

544. Re: aaz-0912

Yahoo group: foxdelta
Date: 2013-04-18 16:19:34 UTC
From: m3ayy2000
Topic: 541 Message: 544

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
> Hi Dinesh
Lifted one cap and worked fine. Thanks for your help.
73 Paul 2E0AYY
>
> Hello
>
> Possibility is that your 20MHZ Osc is not working. This happens to few 20MHZ Crystals.(Having excessive internal capacity)
>
> Just lift 22pf caps (one by one) and it should work.
>
> Let me know if all ok
>
> 73s/Dinesh Gajjar
>
>
> --- In foxdelta@yahoogroups.com, "m3ayy2000" <paul.2e0ayy@> wrote:
> >
> > Hi
> > I have helped my mate build the analyser and have had a problem with windows 7 on his computer it wiped his operating system and he as had to do a reinstall.
> > I have had the unit on my computer running window 7 and it does not auto detect and install the drivers.
> > 73 Paul 2E0AYY
> >
>

545. Re: [foxdelta] FW upload

Yahoo group: foxdelta
Date: 2013-04-18 17:59:55 UTC
From: Dennis Rogers
Topic: 533 Message: 545

I obtained the v4 upgrade and updates from Tony's website.

http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=7:swr-analyzer

This is a direct link to the v4 zip file which contains the docs and code.
You can also get there using the Tony I2TKZ website hyperlink on the AAZ
under software on Foxdelta site.

73's Hope this helps.
Dennis
PS Use the FULL update if you do not have an exisiting install. I had no
problems with drivers or app running on
Windows 7. Let me know if you have more problems,

On Tue, Apr 16, 2013 at 7:53 PM, David Christ <itsfree@...> wrote:

> **
>
>
> Where are the instructions for loading new FW on the SWR Analyzer? Does
> one need to load both V4 and V4 update?
>
> David
>
>

--

Dennis, N5VRP
n5vrp.satx@...

546. Re: aaz-0912

Yahoo group: foxdelta
Date: 2013-04-18 18:22:12 UTC
From: m3ayy2000
Topic: 541 Message: 546

Hi Dinesh
I lifted one cap and it worked ok. I have gone back to it tonight to down load the software and update and it will not work so I lifted the second cap and it still not working.
73 Paul 2E0AYY
--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
> Hello
>
> Possibility is that your 20MHZ Osc is not working. This happens to few 20MHZ Crystals.(Having excessive internal capacity)
>
> Just lift 22pf caps (one by one) and it should work.
>
> Let me know if all ok
>
> 73s/Dinesh Gajjar
>
>
> --- In foxdelta@yahoogroups.com, "m3ayy2000" <paul.2e0ayy@> wrote:
> >
> > Hi
> > I have helped my mate build the analyser and have had a problem with windows 7 on his computer it wiped his operating system and he as had to do a reinstall.
> > I have had the unit on my computer running window 7 and it does not auto detect and install the drivers.
> > 73 Paul 2E0AYY
> >
>

547. Re: FW upload

Yahoo group: foxdelta
Date: 2013-04-18 18:27:21 UTC
From: trollsdad
Topic: 533 Message: 547

That's all taken care of but I am still looking for the V4 users guide which was not in the zip file

David

--- In foxdelta@yahoogroups.com, Dennis Rogers <n5vrp.satx@...> wrote:
>
> I obtained the v4 upgrade and updates from Tony's website.
>
> http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=7:swr-analyzer
>
> This is a direct link to the v4 zip file which contains the docs and code.
> You can also get there using the Tony I2TKZ website hyperlink on the AAZ
> under software on Foxdelta site.
>
> 73's Hope this helps.
> Dennis
> PS Use the FULL update if you do not have an exisiting install. I had no
> problems with drivers or app running on
> Windows 7. Let me know if you have more problems,
> -----------
>
>
> On Tue, Apr 16, 2013 at 7:53 PM, David Christ <itsfree@...> wrote:
>
> > **
> >
> >
> > Where are the instructions for loading new FW on the SWR Analyzer? Does
> > one need to load both V4 and V4 update?
> >
> > David
> >
> >
>
>
>
> --
>
> Dennis, N5VRP
> n5vrp.satx@...
>

548. Re: [foxdelta] Re: FW upload

Yahoo group: foxdelta
Date: 2013-04-18 22:44:41 UTC
From: Dennis Rogers
Topic: 533 Message: 548

Use the *V3.00 FW Specific Doc and then refer to the v4 What's New Guide.
*
*A specific v4 User Guide is the combination of the two docs.

*
*Dennis
*

On Thu, Apr 18, 2013 at 1:27 PM, trollsdad <itsfree@...> wrote:

> **
>
>
>
> That's all taken care of but I am still looking for the V4 users guide
> which was not in the zip file
>
> David
>
>
> --- In foxdelta@yahoogroups.com, Dennis Rogers <n5vrp.satx@...> wrote:
> >
> > I obtained the v4 upgrade and updates from Tony's website.
> >
> >
> http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=7:swr-an
alyzer
> >
> > This is a direct link to the v4 zip file which contains the docs and
> code.
> > You can also get there using the Tony I2TKZ website hyperlink on the AAZ
> > under software on Foxdelta site.
> >
> > 73's Hope this helps.
> > Dennis
> > PS Use the FULL update if you do not have an exisiting install. I had no
> > problems with drivers or app running on
> > Windows 7. Let me know if you have more problems,
> > -----------
> >
> >
> > On Tue, Apr 16, 2013 at 7:53 PM, David Christ <itsfree@...> wrote:
> >
> > > **
>
> > >

> > >
> > > Where are the instructions for loading new FW on the SWR Analyzer? Does
> > > one need to load both V4 and V4 update?
> > >
> > > David
> > >
> > >
> >
> >
> >
> > --
> >
> > Dennis, N5VRP
> > n5vrp.satx@...
> >
>
>
>

--

Dennis, N5VRP
n5vrp.satx@...

549. Re: aaz-0912

Yahoo group: foxdelta
Date: 2013-04-19 01:07:20 UTC
From: foxdelta
Topic: 541 Message: 549

Hello

OK about removing one 22pf. Once AAZ operates, it will continue that way with any updates. No need to touch 22pfs anymore.

I hope you have done both updates: FW and SW.

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "m3ayy2000" <paul.2e0ayy@...> wrote:
>
>
>
>
> Hi Dinesh
> I lifted one cap and it worked ok. I have gone back to it tonight to down load the software and update and it will not work so I lifted the second cap and it still not working.
> 73 Paul 2E0AYY
> --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@> wrote:
> >
> >
> >
> > Hello
> >
> > Possibility is that your 20MHZ Osc is not working. This happens to few 20MHZ Crystals.(Having excessive internal capacity)
> >
> > Just lift 22pf caps (one by one) and it should work.
> >
> > Let me know if all ok
> >
> > 73s/Dinesh Gajjar
> >
> >
> > --- In foxdelta@yahoogroups.com, "m3ayy2000" <paul.2e0ayy@> wrote:
> > >
> > > Hi
> > > I have helped my mate build the analyser and have had a problem with windows 7 on his computer it wiped his operating system and he as had to do a reinstall.
> > > I have had the unit on my computer running window 7 and it does not auto detect and install the drivers.
> > > 73 Paul 2E0AYY
> > >
> >
>

550. Note on AAZ Hardware

Yahoo group: foxdelta
Date: 2013-04-19 02:48:58 UTC
From: foxdelta
Topic: 550 Message: 550

Hello

Once assembled and connected to PC, if AAZ is not recognized, please check 20MHZ Crystal oscillation. If you do not have an RF Logic Probe or a counter, just lift 22pf caps and it should work well. This is rendom on few crystals of the same lot.

Update to new version: Ensure that you have a working analyzer for this. Also, check if you have all that is required to do update: FW, SW and Docs. Updates are available from: http://www.i2tzk.com/

PIC has a bootloader in supplied hex and all that is required is download fw from i2tzk website and flash PIC by using a bootloader program. Also download new PC Software From Tony's website.

I am making necessary efforts to make sure that crystals supplied with kits are all same type and do not make any problem. Problem related to 22pf caps is limited to only few crystals.

73s/Dinesh Gajjar

551. aaz-0912 analyzer

Yahoo group: foxdelta
Date: 2013-04-20 20:37:58 UTC
From: Ron Wellsted
Topic: 551 Message: 551

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

Hi,

I received the kit far sooner thant expected and managed to build it
up within a couple of hours. It worked first time and was easily
updated to the V4 firmware.

As I usually use Linux instead of Windows, would it be possible to
have either the source code or the protocol for communicating with the
PIC so that I can use the analyzer under Linux?

- --
Ron Wellsted
ron@... http://www.wellsted.org.uk
M6BYM Linux Counter No. 202120
-----BEGIN PGP SIGNATURE-----
Version: GnuPG v1.4.11 (GNU/Linux)
Comment: Using GnuPG with Thunderbird - http://www.enigmail.net/

iQEcBAEBAgAGBQJRcvymAAoJEEtP/KMNOfRbntAIALnHjsCyikDgW9GmErOu3VAZ
0zBB89NND1T5zA+i2bGKf2QP8lla51TrYieTifAOUseKXFjYq7cacVe7PrSOgqLv
zea0Tz9hUuTIYtU/9/6Kh2IKADOryy/zwRW7cdop+u9slbOmzjzm8MMjihqLdDzi
gnazn4uedz1bqgsN355hY2RJWBRr7C3f9u4uuqIAmasqBJoEdJVctN0OJ/3InM/h
YPqUmrAA5w0gFKzx1wn/h1mMWmu/aty25KFY4z8V9jEiFzkzRhAMIuaV0gIXagC1
QAwoUX1WnWNcyYyAPGWkRMOYkBh9q1vT/kU2aMOCivpDnMunV23Yr5jS8F01dDE=
=FfWY
-----END PGP SIGNATURE-----

552. Assembled aaz-0912 analyzer?

Yahoo group: foxdelta
Date: 2013-04-23 03:05:32 UTC
From: john_galts_gulch
Topic: 552 Message: 552

Assembled aaz-0912 analyzers are no longer listed on the website. They were shown as "will be available after April 15th" but that note disappeared. Will they be available any time soon, or should I just order a kit?
Thanks

553. Re: Assembled aaz-0912 analyzer?

Yahoo group: foxdelta
Date: 2013-04-23 04:36:55 UTC
From: foxdelta
Topic: 552 Message: 553

Hello

That is correct. There is a delay in making assembled AAZ-0912. I wanted to start by 15th April but due to other projects on hand, could not make it happen.

Will try that assembled aaz-0912s are available by end of this month.

Regards/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "john_galts_gulch" <John-Galt@...> wrote:
>
> Assembled aaz-0912 analyzers are no longer listed on the website. They were shown as "will be available after April 15th" but that note disappeared. Will they be available any time soon, or should I just order a kit?
> Thanks
>

554. Foxdelta into a N3ZI DDS kit

Yahoo group: foxdelta
Date: 2013-04-23 07:06:05 UTC
From: boofrmb2002
Topic: 554 Message: 554

Hi All.

Im in the process of building a HF APRS tx, which uses the above DDS. I believe the DDS can take FSK as an input, so my question is, If I use Foxdelta as my tnc, will it require any changes, both software and hardware, or will just work directly into the DSS,

Thanks in advance.

Robert

555. RE: [foxdelta] Foxdelta into a N3ZI DDS kit

Yahoo group: foxdelta
Date: 2013-04-23 22:34:41 UTC
From: Robert
Topic: 554 Message: 555

Further to this. Could the Foxdelta be reprogramed from Audio FSK to FSK output.

Rob

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of boofrmb2002
Sent: Tuesday, 23 April 2013 5:06 PM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Foxdelta into a N3ZI DDS kit

Hi All.

Im in the process of building a HF APRS tx, which uses the above DDS. I believe the DDS can take FSK as an input, so my question is, If I use Foxdelta as my tnc, will it require any changes, both software and hardware, or will just work directly into the DSS,

Thanks in advance.

Robert

556. Re: Foxdelta into a N3ZI DDS kit

Yahoo group: foxdelta
Date: 2013-04-24 03:11:25 UTC
From: foxdelta
Topic: 554 Message: 556

Hello

Not clear to me what exactly you are asking. Which project are you referring?

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "Robert" <rbaker@...> wrote:
>
> Further to this. Could the Foxdelta be reprogramed from Audio FSK to FSK
> output.
>
>
>
> Rob
>
>
>
> From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf
> Of boofrmb2002
> Sent: Tuesday, 23 April 2013 5:06 PM
> To: foxdelta@yahoogroups.com
> Subject: [foxdelta] Foxdelta into a N3ZI DDS kit
>
>
>
>
>
> Hi All.
>
> Im in the process of building a HF APRS tx, which uses the above DDS. I
> believe the DDS can take FSK as an input, so my question is, If I use
> Foxdelta as my tnc, will it require any changes, both software and hardware,
> or will just work directly into the DSS,
>
> Thanks in advance.
>
> Robert
>

558. AAZ-0612 SW/FW update

Yahoo group: foxdelta
Date: 2013-04-28 00:26:36 UTC
From: catjal2000
Topic: 558 Message: 558

```
I have the antenna anlyzer AAZ-0612 with a 30 mhz DDS osc
i would like to upgrade to "SW/FW" ver 4.0 what osc.
do i use for ver 4.00 SW/FW 30mhz or 125mhz?
```

559. Re: AAZ-0612 SW/FW update

Yahoo group: foxdelta
Date: 2013-04-28 01:38:38 UTC
From: foxdelta
Topic: 558 Message: 559

Hello

Updating V4 FW/SW on AAZ-0612 boards requires no modifications. No need to change DDS OSC if DDS is AD9851.

Mod is required on 0612 boards only if you wish to use AD9850.

Let me know if update works well for you

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "catjal2000" <thuckabee3@...> wrote:
>
> I have the antenna anlyzer AAZ-0612 with a 30 mhz DDS osc
> i would like to upgrade to "SW/FW" ver 4.0 what osc.
> do i use for ver 4.00 SW/FW 30mhz or 125mhz?
>

562. Analyser not found

Yahoo group: foxdelta
Date: 2013-04-28 23:21:19 UTC
From: va3smm
Topic: 562 Message: 562

Preliminary:
I received the kit in good time, parts list checked out, cleaned up the board and installed all parts.
I examined all solder joints to ensure clean joints, no solder blobs joining circuits.
I followed all voltage checks, installed the plug-in components, then checked voltages again. I used a USB power supply at this time.
The kit was a delight to build, very nice instructions, I was most impressed.

Installation:
Computer is Mac-mini running ver. 8 OS with Parallels running Windows XP (up to date).
On connection, Windows recognized the SWRA and declared drivers installed: the LED lit up.
On starting the SWRA Windows program, the LED went out and the program declared that the unit was not found..
I connected the SWRA to a Windows XP laptop, but it was not found by the operating system.
To check the extent of the problem, I shorted the update pins on the SWRA then connected to the Mac and it was recognized by the operating system and I was able to update to Version 4.00.
After ungrounding the update pin, the board is still not found by the operating systems of either computer in either analyser or programming mode.

Actions taken since then:
After joining the Yahoo group I followed the recommendation to remove one then both 22pf capacitors at the xtal. No results.
I've ordered a new 20Mhz xtal, new 22pf caps and a spare 18F2550, so when I have the parts I'll program (FULL) the Pic and see what gives.

Any suggestions, please???

Stan Madore, VA3SMM, 73

563. Re: Analyser not found

Yahoo group: foxdelta
Date: 2013-04-29 01:59:45 UTC
From: foxdelta
Topic: 562 Message: 563

Hello

If you could update to V4, PIC and 20MHZ osc are working good.
You have not mentioned if 10MHZ is present at BNC without PC connected and if you have latest dotnet frame work updated from microsoft for your XP machine.

Update XP with latest dotonet.

73s/Dinesh

--- In foxdelta@yahoogroups.com, "va3smm" <stan@...> wrote:
>
> Preliminary:
> I received the kit in good time, parts list checked out, cleaned up the
> board and installed all parts.
> I examined all solder joints to ensure clean joints, no solder blobs
> joining circuits.
> I followed all voltage checks, installed the plug-in components, then
> checked voltages again. I used a USB power supply at this time.
> The kit was a delight to build, very nice instructions, I was most
> impressed.
>
> Installation:
> Computer is Mac-mini running ver. 8 OS with Parallels running Windows XP
> (up to date).
> On connection, Windows recognized the SWRA and declared drivers
> installed: the LED lit up.
> On starting the SWRA Windows program, the LED went out and the program
> declared that the unit was not found..
> I connected the SWRA to a Windows XP laptop, but it was not found by the
> operating system.
> To check the extent of the problem, I shorted the update pins on the
> SWRA then connected to the Mac and it was recognized by the operating
> system and I was able to update to Version 4.00.
> After ungrounding the update pin, the board is still not found by the
> operating systems of either computer in either analyser or programming
> mode.
>
> Actions taken since then:
> After joining the Yahoo group I followed the recommendation to remove
> one then both 22pf capacitors at the xtal. No results.
> I've ordered a new 20Mhz xtal, new 22pf caps and a spare 18F2550, so
> when I have the parts I'll program (FULL) the Pic and see what
> gives.
>
> Any suggestions, please???

>
> Stan Madore, VA3SMM, 73
>

564. Re: Analyser not found

Yahoo group: foxdelta
Date: 2013-05-04 22:00:31 UTC
From: curlington@frontiernet.net
Topic: 562 Message: 564

Hi Folks:

I have fought my way through many issues where more organized documentation would have saved time. So I have now updated my firmware from 3 to 4 things seem OK. My unit is a 10 bit. The LED flashes now instead of staying solid which I think is right. I know this was mentioned in one of the many documents I had to read but I can't remember which one.

I am not unhappy or complaining. Just pointing out that I would have saved a lot of time had documentation been in better order. Perhaps an hour or two at a minimum.

When I choose Help>User Manual it comes back not found

There was mention somewhere that capacitor "cx" needs to be somewhere between 2 and 4.7pf. I do not know how to choose the value. I also wish that "frequency counter required" was printed so I could borrow one in advance of receiving my kit.

I think the product is good but organization of documentation is needed. Thanks and let me know on the user manual and cap cx issue. I also found updating the firmware worked more easily on my Windows 7 machine than the old XP one. Thanks in advance. I will post positively on the unit or various places like eHam and QRZ etc.

Earl-W3SQE

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
>
>
>
> Hello
>
> If you could update to V4, PIC and 20MHZ osc are working good.
> You have not mentioned if 10MHZ is present at BNC without PC connected and if you have latest dotnet frame work updated from microsoft for your XP machine.
>
> Update XP with latest dotonet.
>
> 73s/Dinesh
>
>
> --- In foxdelta@yahoogroups.com, "va3smm" <stan@> wrote:
> >
> > Preliminary:
> > I received the kit in good time, parts list checked out, cleaned up the
> > board and installed all parts.
> > I examined all solder joints to ensure clean joints, no solder blobs

> > joining circuits.
> > I followed all voltage checks, installed the plug-in components, then
> > checked voltages again. I used a USB power supply at this time.
> > The kit was a delight to build, very nice instructions, I was most
> > impressed.
> >
> > Installation:
> > Computer is Mac-mini running ver. 8 OS with Parallels running Windows XP
> > (up to date).
> > On connection, Windows recognized the SWRA and declared drivers
> > installed: the LED lit up.
> > On starting the SWRA Windows program, the LED went out and the program
> > declared that the unit was not found..
> > I connected the SWRA to a Windows XP laptop, but it was not found by the
> > operating system.
> > To check the extent of the problem, I shorted the update pins on the
> > SWRA then connected to the Mac and it was recognized by the operating
> > system and I was able to update to Version 4.00.
> > After ungrounding the update pin, the board is still not found by the
> > operating systems of either computer in either analyser or programming
> > mode.
> >
> > Actions taken since then:
> > After joining the Yahoo group I followed the recommendation to remove
> > one then both 22pf capacitors at the xtal. No results.
> > I've ordered a new 20Mhz xtal, new 22pf caps and a spare 18F2550, so
> > when I have the parts I'll program (FULL) the Pic and see what
> > gives.
> >
> > Any suggestions, please???
> >
> > Stan Madore, VA3SMM, 73
> >
>

565. Re: Analyser not found

Yahoo group: foxdelta
Date: 2013-05-05 07:29:51 UTC
From: i2tzktony
Topic: 562 Message: 565

Hi Earl
thanks you for your comments very useful, appreciate.
I'll take into account revising the user manual.

- Flashing diode: please ref to "User Guide v3.02" Paragraph "4. Launch PC Program"
- Help/Manual: if manual is not found, please copy the file "SWR Analyzer Guide.pdf" to the folder indicated by the error message box.
- Cx capacitor, ref to "User Guide v3.02" Paragraph "12.2 Bridge Directivity", capacitor value depends on a specific pcb layout it may vary from 1 to 4.7pF, not strickly necessary.
- "frequency counter required": frequency counter is NOT necessary for a standard usage. Paragraph "5.2 Frequency Generator Calibration" says:"The clock of the DDS Generator is driven by a crystal oscillator, the frequency generated is stable and precise,generally speaking it is no necessary any adjustment, nevertheless a fine tune is possible."
Only in this circumstance (fine tuning) a counter is required.

Hope this help, 73's Tony

--- In foxdelta@yahoogroups.com, "curlington@..." <curlington@...> wrote:
>
>
>
>
> Hi Folks:
>
> I have fought my way through many issues where more organized documentation would have saved time. So I have now updated my firmware from 3 to 4 things seem OK. My unit is a 10 bit. The LED flashes now instead of staying solid which I think is right. I know this was mentioned in one of the many documents I had to read but I can't remember which one.
>
> I am not unhappy or complaining. Just pointing out that I would have saved a lot of time had documentation been in better order. Perhaps an hour or two at a minimum.
>
> When I choose Help>User Manual it comes back not found
>
> There was mention somewhere that capacitor "cx" needs to be somewhere between 2 and 4.7pf. I do not know how to choose the value. I also wish that "frequency counter required" was printed so I could borrow one in advance of receiving my kit.
>
> I think the product is good but organization of documentation is needed. Thanks and let me know on the user manual and cap cx issue. I also found updating the firmware worked more easily on my Windows 7 machine than the old XP one. Thanks in advance. I will post positively on the unit or various places like eHam and QRZ etc.
>
>
> Earl-W3SQE
>

>
>
>
>
>
> --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@> wrote:
> >
> >
> >
> >
> >
> >
> > Hello
> >
> > If you could update to V4, PIC and 20MHZ osc are working good.
> > You have not mentioned if 10MHZ is present at BNC without PC connected and if you have latest dotnet frame work updated from microsoft for your XP machine.
> >
> > Update XP with latest dotonet.
> >
> > 73s/Dinesh
> >
> >
> > --- In foxdelta@yahoogroups.com, "va3smm" <stan@> wrote:
> > >
> > > Preliminary:
> > > I received the kit in good time, parts list checked out, cleaned up the
> > > board and installed all parts.
> > > I examined all solder joints to ensure clean joints, no solder blobs
> > > joining circuits.
> > > I followed all voltage checks, installed the plug-in components, then
> > > checked voltages again. I used a USB power supply at this time.
> > > The kit was a delight to build, very nice instructions, I was most
> > > impressed.
> > >
> > > Installation:
> > > Computer is Mac-mini running ver. 8 OS with Parallels running Windows XP
> > > (up to date).
> > > On connection, Windows recognized the SWRA and declared drivers
> > > installed: the LED lit up.
> > > On starting the SWRA Windows program, the LED went out and the program
> > > declared that the unit was not found..
> > > I connected the SWRA to a Windows XP laptop, but it was not found by the
> > > operating system.
> > > To check the extent of the problem, I shorted the update pins on the
> > > SWRA then connected to the Mac and it was recognized by the operating
> > > system and I was able to update to Version 4.00.
> > > After ungrounding the update pin, the board is still not found by the
> > > operating systems of either computer in either analyser or programming
> > > mode.

> > >
> > > Actions taken since then:
> > > After joining the Yahoo group I followed the recommendation to remove
> > > one then both 22pf capacitors at the xtal. No results.
> > > I've ordered a new 20Mhz xtal, new 22pf caps and a spare 18F2550, so
> > > when I have the parts I'll program (FULL) the Pic and see what
> > > gives.
> > >
> > > Any suggestions, please???
> > >
> > > Stan Madore, VA3SMM, 73
> > >
> >
>

569. Re: Analyser not found

Yahoo group: foxdelta
Date: 2013-05-08 03:32:54 UTC
From: va3smm
Topic: 562 Message: 569

Dinesh:
Thank you for your comments, here's what I've done since:
I updated dotnet framework, no improvement.
Because there was no further recognition of the analyser by the computer after upgrading to v4, I programmed another 2550 and replaced the xtal and 22pf caps.
Still no recognition.
All voltages are present and correct per your build instructions. There is no signal at the BNC according to my HP counter and scope.
Conclusion:
Since the USB is not seen by the PC operating system although the drivers are present, it seems the program is not functioning.

Much head-scratching here. I hope you have another idea for me.
Thanks for your attention,
Stan, VA3SMM, 73.

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
>
>
>
> Hello
>
> If you could update to V4, PIC and 20MHZ osc are working good.
> You have not mentioned if 10MHZ is present at BNC without PC connected and if you have latest dotnet frame work updated from microsoft for your XP machine.
>
> Update XP with latest dotonet.
>
> 73s/Dinesh
>
>
> --- In foxdelta@yahoogroups.com, "va3smm" <stan@> wrote:
> >
> > Preliminary:
> > I received the kit in good time, parts list checked out, cleaned up the
> > board and installed all parts.
> > I examined all solder joints to ensure clean joints, no solder blobs
> > joining circuits.
> > I followed all voltage checks, installed the plug-in components, then
> > checked voltages again. I used a USB power supply at this time.
> > The kit was a delight to build, very nice instructions, I was most
> > impressed.

> >
> > Installation:
> > Computer is Mac-mini running ver. 8 OS with Parallels running Windows XP
> > (up to date).
> > On connection, Windows recognized the SWRA and declared drivers
> > installed: the LED lit up.
> > On starting the SWRA Windows program, the LED went out and the program
> > declared that the unit was not found..
> > I connected the SWRA to a Windows XP laptop, but it was not found by the
> > operating system.
> > To check the extent of the problem, I shorted the update pins on the
> > SWRA then connected to the Mac and it was recognized by the operating
> > system and I was able to update to Version 4.00.
> > After ungrounding the update pin, the board is still not found by the
> > operating systems of either computer in either analyser or programming
> > mode.
> >
> > Actions taken since then:
> > After joining the Yahoo group I followed the recommendation to remove
> > one then both 22pf capacitors at the xtal. No results.
> > I've ordered a new 20Mhz xtal, new 22pf caps and a spare 18F2550, so
> > when I have the parts I'll program (FULL) the Pic and see what
> > gives.
> >
> > Any suggestions, please???
> >
> > Stan Madore, VA3SMM, 73
> >
>

570. Re: Analyser not found

Yahoo group: foxdelta
Date: 2013-05-08 04:54:08 UTC
From: curlington@frontiernet.net
Topic: 562 Message: 570

Links to my posts on the kit:

http://forums.qrz.com/showthread.php?390256-Fox-Delta-Antenna-Analyzer-Kit-AAZ-0912

http://www.eham.net/reviews/detail/7842

Thanks Again

ET

--- In foxdelta@yahoogroups.com, "i2tzktony" <i2tzk@...> wrote:
>
> Hi Earl
> thanks you for your comments very useful, appreciate.
> I'll take into account revising the user manual.
>
> - Flashing diode: please ref to "User Guide v3.02" Paragraph "4. Launch PC Program"
> - Help/Manual: if manual is not found, please copy the file "SWR Analyzer Guide.pdf" to the folder indicated by the error message box.
> - Cx capacitor, ref to "User Guide v3.02" Paragraph "12.2 Bridge Directivity", capacitor value depends on a specific pcb layout it may vary from 1 to 4.7pF, not strickly necessary.
> - "frequency counter required": frequency counter is NOT necessary for a standard usage.
> Paragraph "5.2 Frequency Generator Calibration" says:"The clock of the DDS Generator is driven by a crystal oscillator, the frequency generated is stable and precise,generally speaking it is no necessary any adjustment, nevertheless a fine tune is possible."
> Only in this circumstance (fine tuning) a counter is required.
>
> Hope this help, 73's Tony
>
>
> --- In foxdelta@yahoogroups.com, "curlington@" <curlington@> wrote:
> >
> >
> >
> >
> > Hi Folks:
> >
> > I have fought my way through many issues where more organized documentation would have saved time. So I have now updated my firmware from 3 to 4 things seem OK. My unit is a 10 bit. The LED flashes now instead of staying solid which I think is right. I know this was mentioned in one of the many documents I had to read but I can't remember which one.
> >
> > I am not unhappy or complaining. Just pointing out that I would have saved a lot of time had documentation been in better order. Perhaps an hour or two at a minimum.
> >
> > When I choose Help>User Manual it comes back not found

> >
> > There was mention somewhere that capacitor "cx" needs to be somewhere between 2 and 4.7pf. I do not know how to choose the value. I also wish that "frequency counter required" was printed so I could borrow one in advance of receiving my kit.
> >
> > I think the product is good but organization of documentation is needed. Thanks and let me know on the user manual and cap cx issue. I also found updating the firmware worked more easily on my Windows 7 machine than the old XP one. Thanks in advance. I will post positively on the unit or various places like eHam and QRZ etc.
> >
> >
> > Earl-W3SQE
> >
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> >
> > --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@> wrote:
> > >
> > >
> > >
> > >
> > >
> > >
> > > Hello
> > >
> > > If you could update to V4, PIC and 20MHZ osc are working good.
> > > You have not mentioned if 10MHZ is present at BNC without PC connected and if you have latest dotnet frame work updated from microsoft for your XP machine.
> > >
> > > Update XP with latest dotonet.
> > >
> > > 73s/Dinesh
> > >
> > >
> > > --- In foxdelta@yahoogroups.com, "va3smm" <stan@> wrote:
> > > >
> > > > Preliminary:
> > > > I received the kit in good time, parts list checked out, cleaned up the
> > > > board and installed all parts.
> > > > I examined all solder joints to ensure clean joints, no solder blobs
> > > > joining circuits.
> > > > I followed all voltage checks, installed the plug-in components, then
> > > > checked voltages again. I used a USB power supply at this time.
> > > > The kit was a delight to build, very nice instructions, I was most
> > > > impressed.
> > > >
> > > > Installation:
> > > > Computer is Mac-mini running ver. 8 OS with Parallels running Windows XP

> > > > (up to date).
> > > > On connection, Windows recognized the SWRA and declared drivers
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> > > > I connected the SWRA to a Windows XP laptop, but it was not found by the
> > > > operating system.
> > > > To check the extent of the problem, I shorted the update pins on the
> > > > SWRA then connected to the Mac and it was recognized by the operating
> > > > system and I was able to update to Version 4.00.
> > > > After ungrounding the update pin, the board is still not found by the
> > > > operating systems of either computer in either analyser or programming
> > > > mode.
> > > >
> > > > Actions taken since then:
> > > > After joining the Yahoo group I followed the recommendation to remove
> > > > one then both 22pf capacitors at the xtal. No results.
> > > > I've ordered a new 20Mhz xtal, new 22pf caps and a spare 18F2550, so
> > > > when I have the parts I'll program (FULL) the Pic and see what
> > > > gives.
> > > >
> > > > Any suggestions, please???
> > > >
> > > > Stan Madore, VA3SMM, 73
> > > >
> > >
> >
>

571. Re: [foxdelta] Re: Analyser not found

Yahoo group: foxdelta
Date: 2013-05-08 09:45:19 UTC
From: Graham
Topic: 562 Message: 571

I recently set up my SWR analyzer on a different computer that did not have any of the dotnet stuff installed.

It was a WinXP machine and I needed to first install dotnet 3.5 and then donet 4, only then did the program (v4) and the SWR analyzer work as expected.

When you plug the SWR analyzer into the computer via the USB cable, the LED should come on. If that does not happen then it may be a power supply issue of some sort.

Sorry, I haven't been following this thread and I couldn't be more helpful than that.

cheers, Graham ve3gtc

On 13-05-08 03:32 AM, va3smm wrote:
>
> Dinesh:
> Thank you for your comments, here's what I've done since:
> I updated dotnet framework, no improvement.
> Because there was no further recognition of the analyser by the computer after upgrading to v4, I programmed another 2550 and replaced the xtal and 22pf caps.
> Still no recognition.
> All voltages are present and correct per your build instructions. There is no signal at the BNC according to my HP counter and scope.
> Conclusion:
> Since the USB is not seen by the PC operating system although the drivers are present, it seems the program is not functioning.
>
> Much head-scratching here. I hope you have another idea for me.
> Thanks for your attention,
> Stan, VA3SMM, 73.
>
>
> --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>>
>>
>>
>>
>>
>> Hello
>>
>> If you could update to V4, PIC and 20MHZ osc are working good.
>> You have not mentioned if 10MHZ is present at BNC without PC connected and if you have latest dotnet frame work updated from microsoft for your XP machine.

>>
>> Update XP with latest dotonet.
>>
>> 73s/Dinesh
>>
>>
>> --- In foxdelta@yahoogroups.com, "va3smm" <stan@> wrote:
>>> Preliminary:
>>> I received the kit in good time, parts list checked out, cleaned up the
>>> board and installed all parts.
>>> I examined all solder joints to ensure clean joints, no solder blobs
>>> joining circuits.
>>> I followed all voltage checks, installed the plug-in components, then
>>> checked voltages again. I used a USB power supply at this time.
>>> The kit was a delight to build, very nice instructions, I was most
>>> impressed.
>>>
>>> Installation:
>>> Computer is Mac-mini running ver. 8 OS with Parallels running Windows XP
>>> (up to date).
>>> On connection, Windows recognized the SWRA and declared drivers
>>> installed: the LED lit up.
>>> On starting the SWRA Windows program, the LED went out and the program
>>> declared that the unit was not found..
>>> I connected the SWRA to a Windows XP laptop, but it was not found by the
>>> operating system.
>>> To check the extent of the problem, I shorted the update pins on the
>>> SWRA then connected to the Mac and it was recognized by the operating
>>> system and I was able to update to Version 4.00.
>>> After ungrounding the update pin, the board is still not found by the
>>> operating systems of either computer in either analyser or programming
>>> mode.
>>>
>>> Actions taken since then:
>>> After joining the Yahoo group I followed the recommendation to remove
>>> one then both 22pf capacitors at the xtal. No results.
>>> I've ordered a new 20Mhz xtal, new 22pf caps and a spare 18F2550, so
>>> when I have the parts I'll program (FULL) the Pic and see what
>>> gives.
>>>
>>> Any suggestions, please???
>>>
>>> Stan Madore, VA3SMM, 73
>>>
>
>

572. Re: [foxdelta] Re: Analyser not found

Yahoo group: foxdelta
Date: 2013-05-08 17:08:25 UTC
From: Daz H
Topic: 562 Message: 572

If you have a ham radio you should be able to generate frequency from the Analyzer and tune the radio to 10mhz and hear the oscillator on your radio, thats if you dont have a frequency counter at hand. at least you will be able to find out if it is working on 10mhz

---
From: "curlington@..." <curlington@frontiernet.net>
To: foxdelta@yahoogroups.com
Sent: Wednesday, 8 May 2013, 5:54
Subject: [foxdelta] Re: Analyser not found

Links to my posts on the kit:

http://forums.qrz.com/showthread.php?390256-Fox-Delta-Antenna-Analyzer-Kit-AAZ-0912

http://www.eham.net/reviews/detail/7842

Thanks Again

ET

--- In mailto:foxdelta%40yahoogroups.com, "i2tzktony" <i2tzk@...> wrote:
>
> Hi Earl
> thanks you for your comments very useful, appreciate.
> I'll take into account revising the user manual.
>
> - Flashing diode: please ref to "User Guide v3.02" Paragraph "4. Launch PC Program"
> - Help/Manual: if manual is not found, please copy the file "SWR Analyzer Guide.pdf" to the folder indicated by the error message box.
> - Cx capacitor, ref to "User Guide v3.02" Paragraph "12.2 Bridge Directivity", capacitor value depends on a specific pcb layout it may vary from 1 to 4.7pF, not strickly necessary.
> - "frequency counter required": frequency counter is NOT necessary for a standard usage.
> Paragraph "5.2 Frequency Generator Calibration" says:"The clock of the DDS Generator is driven by a crystal oscillator, the frequency generated is stable and precise,generally speaking it is no necessary any adjustment, nevertheless a fine tune is possible."
> Only in this circumstance (fine tuning) a counter is required.
>
> Hope this help, 73's Tony
>
>
> --- In mailto:foxdelta%40yahoogroups.com, "curlington@" <curlington@> wrote:
> >
> >
> >
> >
> > Hi Folks:
> >

> > I have fought my way through many issues where more organized documentation would have saved time. So I have now updated my firmware from 3 to 4 things seem OK. My unit is a 10 bit. The LED flashes now instead of staying solid which I think is right. I know this was mentioned in one of the many documents I had to read but I can't remember which one.
> >
> > I am not unhappy or complaining. Just pointing out that I would have saved a lot of time had documentation been in better order. Perhaps an hour or two at a minimum.
> >
> > When I choose Help>User Manual it comes back not found
> >
> > There was mention somewhere that capacitor "cx" needs to be somewhere between 2 and 4.7pf. I do not know how to choose the value. I also wish that "frequency counter required" was printed so I could borrow one in advance of receiving my kit.
> >
> > I think the product is good but organization of documentation is needed. Thanks and let me know on the user manual and cap cx issue. I also found updating the firmware worked more easily on my Windows 7 machine than the old XP one. Thanks in advance. I will post positively on the unit or various places like eHam and QRZ etc.
> >
> >
> > Earl-W3SQE
> >
> >
> >
> >
> >
> >
> > --- In mailto:foxdelta%40yahoogroups.com, "foxdelta" <vu2fd@> wrote:
> > >
> > >
> > >
> > >
> > >
> > >
> > > Hello
> > >
> > > If you could update to V4, PIC and 20MHZ osc are working good.
> > > You have not mentioned if 10MHZ is present at BNC without PC connected and if you have latest dotnet frame work updated from microsoft for your XP machine.
> > >
> > > Update XP with latest dotonet.
> > >
> > > 73s/Dinesh
> > >
> > >
> > > --- In mailto:foxdelta%40yahoogroups.com, "va3smm" <stan@> wrote:
> > > >
> > > > Preliminary:
> > > > I received the kit in good time, parts list checked out, cleaned up the
> > > > board and installed all parts.

> > > > I examined all solder joints to ensure clean joints, no solder blobs
> > > > joining circuits.
> > > > I followed all voltage checks, installed the plug-in components, then
> > > > checked voltages again. I used a USB power supply at this time.
> > > > The kit was a delight to build, very nice instructions, I was most
> > > > impressed.
> > > >
> > > > Installation:
> > > > Computer is Mac-mini running ver. 8 OS with Parallels running Windows XP
> > > > (up to date).
> > > > On connection, Windows recognized the SWRA and declared drivers
> > > > installed: the LED lit up.
> > > > On starting the SWRA Windows program, the LED went out and the program
> > > > declared that the unit was not found..
> > > > I connected the SWRA to a Windows XP laptop, but it was not found by the
> > > > operating system.
> > > > To check the extent of the problem, I shorted the update pins on the
> > > > SWRA then connected to the Mac and it was recognized by the operating
> > > > system and I was able to update to Version 4.00.
> > > > After ungrounding the update pin, the board is still not found by the
> > > > operating systems of either computer in either analyser or programming
> > > > mode.
> > > >
> > > > Actions taken since then:
> > > > After joining the Yahoo group I followed the recommendation to remove
> > > > one then both 22pf capacitors at the xtal. No results.
> > > > I've ordered a new 20Mhz xtal, new 22pf caps and a spare 18F2550, so
> > > > when I have the parts I'll program (FULL) the Pic and see what
> > > > gives.
> > > >
> > > > Any suggestions, please???
> > > >
> > > > Stan Madore, VA3SMM, 73
> > > >
> > >
> >
>

574. Analyzer-Kit-AAZ-0912

Yahoo group: foxdelta
Date: 2013-05-08 19:01:34 UTC
From: Daz
Topic: 574 Message: 574

If you have a ham radio you should be able to generate frequency from the Analyzer and tune the radio to 10mhz and hear the oscillator on your radio, thats if you dont have a frequency counter at hand. at least you will be able to find out if it is working on 10mhz

578. Re: Analyser not found

Yahoo group: foxdelta
Date: 2013-05-17 17:14:17 UTC
From: va3smm
Topic: 562 Message: 578

Dinesh:
I'm happy to report thay all is working well and I believe there was never any hardware problem with either your kit or my assembly. Although I had updated tp V4 dotnet, the Windows XP required one more V4 update before the analyser would work.
Thanks for your advice and for a great kit.
Stan VA3SMM, 73.

--- In foxdelta@yahoogroups.com, "va3smm" wrote:
>
>
>
> Dinesh:
> Thank you for your comments, here's what I've done since:
> I updated dotnet framework, no improvement.
> Because there was no further recognition of the analyser by the computer after upgrading to v4, I programmed another 2550 and replaced the xtal and 22pf caps.
> Still no recognition.
> All voltages are present and correct per your build instructions. There is no signal at the BNC according to my HP counter and scope.
> Conclusion:
> Since the USB is not seen by the PC operating system although the drivers are present, it seems the program is not functioning.
>
> Much head-scratching here. I hope you have another idea for me.
> Thanks for your attention,
> Stan, VA3SMM, 73.
>
>
> --- In foxdelta@yahoogroups.com, "foxdelta" vu2fd@ wrote:
> >
> >
> >
> >
> >
> >
> > Hello
> >
> > If you could update to V4, PIC and 20MHZ osc are working good.
> > You have not mentioned if 10MHZ is present at BNC without PC connected and if you have latest dotnet frame work updated from microsoft for your XP machine.
> >
> > Update XP with latest dotonet.

> >
> > 73s/Dinesh
> >
> >
> > --- In foxdelta@...m, "va3smm" wrote:
> > >
> > > Preliminary:
> > > I received the kit in good time, parts list checked out, cleaned
up the
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> > > I examined all solder joints to ensure clean joints, no solder
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> > > I followed all voltage checks, installed the plug-in components,
then
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> > > Computer is Mac-mini running ver. 8 OS with Parallels running
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> > > SWRA then connected to the Mac and it was recognized by the
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> > > system and I was able to update to Version 4.00.
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> > > when I have the parts I'll program (FULL) the Pic and see what
> > > gives.

> > >
> > > Any suggestions, please???
> > >
> > > Stan Madore, VA3SMM, 73
> > >
> >
>

579. soundcard interface

Yahoo group: foxdelta
Date: 2013-05-19 12:44:09 UTC
From: g4xcp_uk
Topic: 579 Message: 579

Have any members produced a circuit diagram of both a sound card to transceiver interface but also the rs 232 usb control for the transceiver. I have both Yaesu and Icom Transceivers those whom own an icom know that the transceiver control is rs 232 to ttl 5v perhaps through a hex buffer chip.

I have seen plenty of diagrams on the net but not that have both sound ptt vox and transceiver control all in one box and was wondering if there was a technical reason why this has never been done?
regards

G4xcp

580. Re: soundcard interface

Yahoo group: foxdelta
Date: 2013-05-19 13:25:04 UTC
From: foxdelta
Topic: 579 Message: 580

Hello

We are at the end of project with soundcard interface SC2 but this one has both TTL/RS232 and VOX for operation.

Please check http://www.foxdelta.com/products/sc2.htm

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "g4xcp_uk" <gail21@...> wrote:
>
> Have any members produced a circuit diagram of both a sound card to transceiver interface but also the rs 232 usb control for the transceiver. I have both Yaesu and Icom Transceivers those whom own an icom know that the transceiver control is rs 232 to ttl 5v perhaps through a hex buffer chip.
>
> I have seen plenty of diagrams on the net but not that have both sound ptt vox and transceiver control all in one box and was wondering if there was a technical reason why this has never been done?
> regards
>
> G4xcp
>

582. SWRA User Guide v4.00

Yahoo group: foxdelta
Date: 2013-05-21 12:21:40 UTC
From: i2tzktony
Topic: 582 Message: 582

The new SWRA User Guide v4.00 is available for download from my website:

http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=7:swr-analyzer

73's Tony

584. SWR Analyzer Received

Yahoo group: foxdelta
Date: 2013-05-25 01:08:24 UTC
From: john_galts_gulch
Topic: 584 Message: 584

I received an assembled AAZ-0912 today.

Works great, right out of the box.

The soldering and assembly quality are very good, and the case is better than I expected.

Many thanks to everyone involved in making these!

And thanks for making assembly free for us older 60+ hams whose vision isn't what it once was!!

Updated firmware to latest version (4.0), calibrated, and it's good to go.

The return loss of my quality 50 ohm load is 43+ DB, as expected.

Now to tune the MFJ-1796 I bought this for.

Google MFJ-1796 and you will see why an analyzer is needed to tune one

585. SWRA java version

Yahoo group: foxdelta
Date: 2013-05-25 12:34:39 UTC
From: i2tzktony
Topic: 585 Message: 585

```
Hi guys
I'm looking for a person well skilled in JAVA programming
available to developpe the ANDROID version of SWRA program.
Please pvm me.
Thanks, 73's Tony
```

586. Antenna analyzer

Yahoo group: foxdelta
Date: 2013-05-30 15:18:23 UTC
From: PA3HMP
Topic: 522 Message: 586

got it yesterday, assembled it in roughly 2 hours, updated it to vers4.00.

got a couple of questions, why is the housing not grounded ?

and I have noticed that under setuo-generator I can change the min freq to 450kHz but im not sure if it realy works there and I can not program the buttons 1,2,3 with a freq from 450kHz - 550kHz.

Does someone know how low this analyzer will work, it seems to still work at 120kHz with 0,5mW outputt

587. Antenna Analyzer □ What it is and what it isn□t

Yahoo group: foxdelta
Date: 2013-05-30 20:58:38 UTC
From: john_galts_gulch
Topic: 587 Message: 587

The Fox Delta Antenna Analyzer is a Scalar Network Analyzer (SNA).

It is not a (more capable) Vector Network Analyzer.

Think of it as a sweep generator and a return loss bridge, combined with a PIC processor, and controlled via USB by a custom piece of software for graphical display of SWR and Return loss.

It does not measure inductive or capacitive reactance and cannot generate data for Smith Charts.

For example; if you need to make a custom antenna loading coil of a certain value (say 34 micro Henries), an SNA can't measure the coil's inductance. A VNA is needed for that.

Of course, an SNA (and the Fox Delta Antenna Analyzer in particular) is much cheaper than the least expensive VNA, and is very useful for sweeping antennas.

Just keep in mind what it can and cannot do, and you'll be very happy with its abilities. I sure am!

588. Re: Antenna Analyzer ☐ What it is and what it isn☐t

Yahoo group: foxdelta
Date: 2013-05-31 03:42:41 UTC
From: foxdelta
Topic: 587 Message: 588

Thank you John

And do not forget that, this AAZ is not only cheap, its free in all respects to radio amateurs who already have lots of components in their drawers and has possibility/ability to make own boards!!

Idea is to make a project/kit building available to radio amateurs and not targeted to sell/develop commercial products.Everyone can buy a product but only few enthusiasts may look for a kit to build.

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "john_galts_gulch" <John-Galt@...> wrote:
>
> The Fox Delta Antenna Analyzer is a Scalar Network Analyzer (SNA).
>
> It is not a (more capable) Vector Network Analyzer.
>
> Think of it as a sweep generator and a return loss bridge, combined with a PIC processor, and controlled via USB by a custom piece of software for graphical display of SWR and Return loss.
>
> It does not measure inductive or capacitive reactance and cannot generate data for Smith Charts.
>
> For example; if you need to make a custom antenna loading coil of a certain value (say 34 micro Henries), an SNA can't measure the coil's inductance. A VNA is needed for that.
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>
> Just keep in mind what it can and cannot do, and you'll be very happy with its abilities. I sure am!
>

589. Re: Antenna Analyzer ☐ What it is and what it isn☐t

Yahoo group: foxdelta
Date: 2013-05-31 05:40:46 UTC
From: PA3HMP
Topic: 587 Message: 589

you can also use it to measure attenuators and filters, so it can be used for more than just sweeping your antenna.

Mark

--- In foxdelta@yahoogroups.com, "john_galts_gulch" <John-Galt@...> wrote:
>
> The Fox Delta Antenna Analyzer is a Scalar Network Analyzer (SNA).
>
> It is not a (more capable) Vector Network Analyzer.
>
> Think of it as a sweep generator and a return loss bridge, combined with a PIC processor, and controlled via USB by a custom piece of software for graphical display of SWR and Return loss.
>
> It does not measure inductive or capacitive reactance and cannot generate data for Smith Charts.
>
> For example; if you need to make a custom antenna loading coil of a certain value (say 34 micro Henries), an SNA can't measure the coil's inductance. A VNA is needed for that.
>
> Of course, an SNA (and the Fox Delta Antenna Analyzer in particular) is much cheaper than the least expensive VNA, and is very useful for sweeping antennas.
>
> Just keep in mind what it can and cannot do, and you'll be very happy with its abilities. I sure am!
>

590. ST2 USB hyperterminal ?

Yahoo group: foxdelta
Date: 2013-06-02 08:00:21 UTC
From: Ian
Topic: 590 Message: 590

I have my ST2 tracking interface here and seeing as emails don't get answered I was wondering if anyone can tell me...

Do you need to have the ST2 interface connected to the Controller + rotator before you see anything in Hyperterminal. I have installed the USB drivers from FTDI (as far as I know because instructions on the site are not very good)I have tried typing C then carriage return after setting ports to 8,1,N 9600 as in documents, but get nothing.

thanks in advance.

591. Re: [foxdelta] ST2 USB hyperterminal ?

Yahoo group: foxdelta
Date: 2013-06-02 13:37:21 UTC
From: Paul Handlon
Topic: 590 Message: 591

Hello Ian,

Yes, my ST-2 needs to be connected to the Rotor Controller (G-5400B) and the controller must be "on" first, as my controller feeds both DC power and position signals to the ST2 (no external DC adapter used). I am using a true RS-232 serial port so can not say about your USB converter or drivers.

Best regards,

Paul, N4BYQ

From: Ian <koenigmacom@...>
To: foxdelta@...m
Sent: Sunday, June 2, 2013 4:00 AM
Subject: [foxdelta] ST2 USBhyperterminal ?

I have my ST2 tracking interface here and seeing as emails don't get answered I was wondering if anyone can tell me...

Do you need to have the ST2 interface connected to the Controller + rotator before you see anything in Hyperterminal. I have installed the USB drivers from FTDI (as far as I know because instructions on the site are not very good)I have tried typing C then carriage return after setting ports to 8,1,N 9600 as in documents, but get nothing.

thanks in advance.

592. Re: ST2 USB hyperterminal ?

Yahoo group: foxdelta
Date: 2013-06-02 15:53:09 UTC
From: Ian
Topic: 590 Message: 592

Thanks Paul, i had to choose USB for convenience as I have so many leads and plugs as it is, USB is just that much easier...if it works :-)

--- In foxdelta@yahoogroups.com, Paul Handlon <phandlon@...> wrote:
>
> Hello Ian,
>
> Yes, my ST-2 needs to be connected to the Rotor Controller (G-5400B) and the controller must be "on" first, as my controller feeds both DC power and position signals to the ST2 (no external DC adapter used). Â I am using a true RS-232 serial port so can not say about your USB converter or drivers.
>
> Best regards,
> Â
> Paul, N4BYQ
>
>
> _____
> From: Ian <koenigmacom@...>
> To: foxdelta@...m
> Sent: Sunday, June 2, 2013 4:00 AM
> Subject: [foxdelta] ST2 USBhyperterminal ?
>
>
>
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>
> thanks in advance.
>

593. Re: Antenna Analyzer ☐ What it is and what it isn☐t

Yahoo group: foxdelta
Date: 2013-06-02 17:31:32 UTC
From: john_galts_gulch
Topic: 587 Message: 593

Mark, thanks for your reply. You're absolutely right. An SNA can be used for more than just sweeping antennas.

During my 30+ years as a commercial 2-way radio tech, we often used a spectrum analyzer/tracking generator & return loss bridge for a variety of tests besides just sweeping antennas.

It is possible for a skilled operator to determine these by looking at the sweep data:
Antenna Resonance, Cable Loss, Cable Length & Distance to Fault, Cable Impedance.
In addition, one can tune duplexers and filters.

There is much info on the web detailing how to make these tests.
Here are a few links:

RF Workbench series:
http://www.qrp.pops.net/RF-workbench-1.asp
http://www.qrp.pops.net/RF-workbench-2.asp
http://www.qrp.pops.net/RF-workbench-3.asp

Antenna & FeedLine Measurements:
http://www.eagle-1st.com/eagle1st.nsf/e4fa682eb52a27e10725763c007961ea/1a0920e7b1a575010725766d00609a50!OpenDocument

Return Loss Bridge Basics:
http://www.youtube.com/watch?v=ghJHPX9f5aE

ARRL Book: Understanding Your Antenna Analyzer:
http://www.arrl.org/shop/Understanding-Your-Antenna-Analyzer/

Scalar Network Analysis 3 part series:
http://www.youtube.com/watch?v=MdiSUyypmOE
http://www.youtube.com/watch?v=w-kPisJvGO8
http://www.youtube.com/watch?v=c84tYJQBWQs

Even more info:
http://www.youtube.com/watch?v=Vf1Y46XfnWI
http://www.youtube.com/watch?v=X50qybdiLuk
http://www.directivesystems.com/appnotes.htm
http://zs6.co.za/zs6cen/2012%2003%2021%20traning/rlb.pdf
http://www.vk2zay.net/article/179
http://www.radio-electronics.com/info/t_and_m/rf-network-analyzer/analyser-basics-tutorial.php
http://www.radio-electronics.com/info/t_and_m/rf-network-analyzer/scalar-network-analyser-sna.php

John Galt

594. Re: [foxdelta] Re: ST2 USB hyperterminal ?

Yahoo group: foxdelta
Date: 2013-06-03 01:00:01 UTC
From: Ron Hayes
Topic: 590 Message: 594

Thank God some one has ask the question !! This STS-rotor controller came with very little documentation, I am having trouble with the usb drivers also, after you unzip what one is it? I really thought the the pic had the program already on it but you need to down load that also.Well I guess if it was easy everyone would be doing it?

From: Ian <koenigmacom@...>
To: foxdelta@yahoogroups.com
Sent: Sunday, June 2, 2013 10:53 AM
Subject: [foxdelta] Re: ST2 USB hyperterminal ?

Thanks Paul, i had to choose USB for convenience as I have so many leads and plugs as it is, USB is just that much easier...if it works :-)

--- In mailto:foxdelta%40yahoogroups.com, Paul Handlon <phandlon@...> wrote:
>
> Hello Ian,
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> Paul, N4BYQ
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>
> ---
> From: Ian <koenigmacom@...>
> To: mailto:foxdelta%40yahoogroups.com
> Sent: Sunday, June 2, 2013 4:00 AM
> Subject: [foxdelta] ST2 USBhyperterminal ?
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>
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> Â
> I have my ST2 tracking interface here and seeing as emails don't get answered I was wondering if anyone can tell me...
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>
> thanks in advance.

>

595. Re: ST2 USB and RS232

Yahoo group: foxdelta
Date: 2013-06-03 01:48:28 UTC
From: foxdelta
Topic: 590 Message: 595

Hello

First:
ST2-RS232 or USB, are same design. RS232 connects to PC using a serial cable and USB using an USB Cable.
For PC, both are serial units because FTDI chip only converts data which is recognized by PC as a vertual comport. (serial port)
FTDI drivers are available for all OS and you need to look at them, select and install.

Second:
All ST2 kits are supplied with pre-programmed hex and all that is required is to enter into setup and tell processor about your rotor brakes etc and store that info into eeprom. At next start up, no "Bad eeprom" message will come.

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, Ron Hayes <ka2rrz@...> wrote:
>
> Thank God some one has ask the question !! This STS-rotor controller came with very little documentation, I am having trouble with the usb drivers also, after you unzip what one is it? I really thought the the pic had the program already on it but you need to down load that also.Well I guess if it was easy everyone would be doing it?
>
>
>
> _____
> From: Ian <koenigmacom@...>
> To: foxdelta@yahoogroups.com
> Sent: Sunday, June 2, 2013 10:53 AM
> Subject: [foxdelta] Re: ST2 USB hyperterminal ?
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>
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> Thanks Paul, i had to choose USB for convenience as I have so many leads and plugs as it is, USB is just that much easier...if it works :-)
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> > Sent: Sunday, June 2, 2013 4:00 AM
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> >
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> >
> > thanks in advance.
> >
>

596. Re: [foxdelta] Re: ST2 USB and RS232

Yahoo group: foxdelta
Date: 2013-06-03 06:20:23 UTC
From: Ron Hayes
Topic: 590 Message: 596

Ok thank you. the info is very helpful, I misunderstood about the HEX code but good now. I down loaded the FTDI driver I think is for win 7?? I am thinking thats my problem?

_____
From: foxdelta <vu2fd@...>
To: foxdelta@yahoogroups.com
Sent: Sunday, June 2, 2013 8:48 PM
Subject: [foxdelta] Re: ST2 USB and RS232

Hello

First:
ST2-RS232 or USB, are same design. RS232 connects to PC using a serial cable and USB using an USB Cable.
For PC, both are serial units because FTDI chip only converts data which is recognized by PC as a vertual comport. (serial port)
FTDI drivers are available for all OS and you need to look at them, select and install.

Second:
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73s/Dinesh Gajjar

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> To: mailto:foxdelta%40yahoogroups.com
> Sent: Sunday, June 2, 2013 10:53 AM
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> > Hello Ian,
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> >
> > Best regards,
> > Ã‚Â
> > Paul, N4BYQ
> >
> >
> > _____
> > From: Ian <koenigmacom@>
> > To: mailto:foxdelta%40yahoogroups.com
> > Sent: Sunday, June 2, 2013 4:00 AM
> > Subject: [foxdelta] ST2 USBhyperterminal ?
> >
> >
> >
> > Ã‚Â
> > I have my ST2 tracking interface here and seeing as emails don't get answered I was wondering if anyone can tell me...
> >
> > Do you need to have the ST2 interface connected to the Controller + rotator before you see anything in Hyperterminal. I have installed the USB drivers from FTDI (as far as I know because instructions on the site are not very good)I have tried typing C then carriage return after setting ports to 8,1,N 9600 as in documents, but get nothing.
> >
> > thanks in advance.
> >
>

597. Re: [foxdelta] Re: Antenna Analyzer – What it is a nd what it isn't

Yahoo group: foxdelta
Date: 2013-06-04 02:59:59 UTC
From: Patricia Wilson
Topic: 587 Message: 597

These links, etc. should be on the fd website!!

On Sun, Jun 2, 2013 at 10:31 AM, john_galts_gulch <John-Galt@...>wrote:

> **
>
>
>
>
> Mark, thanks for your reply. You're absolutely right. An SNA can be used
> for more than just sweeping antennas.
>
> During my 30+ years as a commercial 2-way radio tech, we often used a
> spectrum analyzer/tracking generator & return loss bridge for a variety of
> tests besides just sweeping antennas.
>
> It is possible for a skilled operator to determine these by looking at the
> sweep data:
> Antenna Resonance, Cable Loss, Cable Length & Distance to Fault, Cable
> Impedance.
> In addition, one can tune duplexers and filters.
>
> There is much info on the web detailing how to make these tests.
> Here are a few links:
>
> RF Workbench series:
> http://www.qrp.pops.net/RF-workbench-1.asp
> http://www.qrp.pops.net/RF-workbench-2.asp
> http://www.qrp.pops.net/RF-workbench-3.asp
>
> Antenna & FeedLine Measurements:
>
> http://www.eagle-1st.com/eagle1st.nsf/e4fa682eb52a27e10725763c007961ea/1a0920e7b1a575010
725766d00609a50
> !OpenDocument
>
> Return Loss Bridge Basics:
> http://www.youtube.com/watch?v=ghJHPX9f5aE
>
> ARRL Book: Understanding Your Antenna Analyzer:
> http://www.arrl.org/shop/Understanding-Your-Antenna-Analyzer/
>
> Scalar Network Analysis 3 part series:
> http://www.youtube.com/watch?v=MdiSUyypmOE
> http://www.youtube.com/watch?v=w-kPisJvGO8

> http://www.youtube.com/watch?v=c84tYJQBWQs
>
> Even more info:
> http://www.youtube.com/watch?v=Vf1Y46XfnWI
> http://www.youtube.com/watch?v=X50qybdiLuk
> http://www.directivesystems.com/appnotes.htm
> http://zs6.co.za/zs6cen/2012%2003%2021%20traning/rlb.pdf
> http://www.vk2zay.net/article/179
>
> http://www.radio-electronics.com/info/t_and_m/rf-network-analyzer/analyser-basics-tutori
al.php
>
> http://www.radio-electronics.com/info/t_and_m/rf-network-analyzer/scalar-network-analyse
r-sna.php
>
> John Galt
>
>
>

--

Patricia Wilson
Apache Junction, AZ
Member NRA, ARRL
WB8DXX (Extra)

598. SWR Analyzer and Graphic LCD

Yahoo group: foxdelta
Date: 2013-06-07 09:17:31 UTC
From: i2tzktony
Topic: 598 Message: 598

Hi All
i've just successfully completed tests of a new project focused to
run the antenna analysis without having a pc on line.
Project connects to the current SWRA a 128x64 GraphicLCD.
Very small mod is required to the SWRA board.
Because the poor GLCD resolution only 100 points of measure can
be displayed but they are enough to understand if the antenna is
properly working.
During the freq scan the SWRA board acquire much more than 100
points and store them into his permanent memory (flash rom).
This allows a later detailed analysis importing data into a pc.

Please for any detail have a look to the doc "Swra_GLCD.pdf"
on the download section of my web site, here:

http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=7:swr-analyzer

73's Tony

600. sound card interface sc2

Yahoo group: foxdelta
Date: 2013-06-08 14:44:38 UTC
From: g4xcp_uk
Topic: 600 Message: 600

just uploaded a couple of photographs of the sound card interface, but wish to ask members i am aware of the serial port on the sound card interface and that this possibly connects to the yaesu ft 950 serial port? does this mean that to link it to the computer you then come out via the usb port of the soundcard interface to the computer? I have tried various drivers for the usb port but have not had much success?
I am trying to control ham radio deluxe which i currently am able to do as my computer has two serial ports so currently i can go from the serial port of the computer direct to the serial port of the yeasu ft 950. I thought since I have built the soundcard interface and am able to configure the sound side, it is the controller side that i am struggling with.

any help much appriciated as I have posted it does show software such as ham radio deluxe but not sure if this is only for data only and not control of the yeasu 950?

73s G4XCP

601. FoxTrak PTT issue

Yahoo group: foxdelta
Date: 2013-06-09 20:26:31 UTC
From: kc0mlt
Topic: 601 Message: 601

Good afternoon all,

I am attempting to attach a FoxTrak to a Midland 70-1336B radio. I have everything working GPS wise and the connection from the radio is solid and wired correctly. The radio TX just fine while shorting the appropriate pins on the mic connector (which I am using to key the radio and input audio).

My issue is with the keying of the radio I have the 5.03V from the radio on J3 pin 8 and have followed it through the circuit and it is present on the cathode end of D5 & D7. I have 4.92V on the anode end of D7 and 2mV on the anode end of D5 with no change while the TX LED is lit. The radio will not key up. Am I doing something wrong in the set up of the Variable resistors? (no information in any of the documentation I could find on the site or the group on how to adjust those) I have also lifted one end of R7 as indicated in the documentation I do have. I have also tried it connected in an attempt to figure this out.

Any help would be greatly appreciated!

Thanks
KC0MLT

Wade

602. sc2 sound card interface project

Yahoo group: foxdelta
Date: 2013-06-12 00:01:40 UTC
From: g4xcp_uk
Topic: 602 Message: 602

Have recently constructed the sound card interface sc2 and wish to ask if anyone has used it with ham radio deluxe, I am not sure of the control side of the soundcard interface do you connect the serial port out of the sound card to the serial port of the transceiver and, then the usb port of the sound card interface to the computers usb port?
which chipset drivers would be used if this was to be the case.
No one so far seems to have answered with regard to the control issue, I am fully familiar with Ham Radio deluxe and how to set it up with regard to the yaesu ft 950 I have a direct serial from my computer to serial of the yaesu, but thought if the soundcard sc2 interface supports it, then this would be the best solution
regards for now
G4XCP

603. Analyzer AAZ-0912 Assembly

Yahoo group: foxdelta
Date: 2013-06-16 23:50:25 UTC
From: kosixsy
Topic: 603 Message: 603

Just want to congratulate Dinesh and the the team for a very easy to build kit. I had it all put together in 2 hours. May have had a problem with the 20MHz crystal but it could also be a little impatience expecting the PIC to boot immediately - I have used the unit three times on different antennas and it performed flawlessly.
Will be taking this to field day to check out all the antennas.

73

Malcolm KO6SY

604. Re: [foxdelta] Analyzer AAZ-0912 Assembly

Yahoo group: foxdelta
Date: 2013-06-17 01:54:12 UTC
From: Jan Servaites
Topic: 603 Message: 604

Yes, I have built two antenna analyzers and they are great.
Jan N8CBX/AE

kosixsy wrote:

> Just want to congratulate Dinesh and the the team for a very easy to
> build kit. I had it all put together in 2 hours. May have had a
> problem with the 20MHz crystal but it could also be a little
> impatience expecting the PIC to boot immediately - I have used the
> unit three times on different antennas and it performed flawlessly.
> Will be taking this to field day to check out all the antennas.
>
> 73
>
> Malcolm KO6SY
>
>

605. SWM3 Power meter and bridge calibration.

Yahoo group: foxdelta
Date: 2013-06-19 16:31:17 UTC
From: dibor_4z5cp
Topic: 605 Message: 605

Hello group.

Anyone can explain what I did wrong.

I have purchase SWM3 Power meter and HF dual scale bridge kits.
Excellent and not expensive kits, thanks to all who made them.

I have made calibration by procedure with scale 200 and 2000 Watt. Power indicated right with 200 and 2000 watt scales, but if I change Wattmeter scale via setup of windows SWR meter program to 100 and 1000 Watt scale - I got half power indicated - 50 watt instead 100 Watt!!! Scale and value divided by 2 in firmware.

Do I need recalibrate with 100 and 1000 Watt scale if I whant to use these scales?

My other question about SWR calculation.

SWM3 Power meter reading: 81 Watt - forward, 2 Watt - reflective, SWR - 1.4 ----- That correct ?? (I think must be ~1.05)

Best regards.

606. RE: [foxdelta] SWM3 Power meter and bridge calibration.

Yahoo group: foxdelta
Date: 2013-06-19 21:22:29 UTC
From: tom armour
Topic: 605 Message: 606

I am not sure about your first question, but for your second, what formula are you using for SWR?
It should be: (1+sqrt(Reflected/Forward))/(1-sqrt(Reflected/Forward)) = SWR (I use this with my Bird meter)
For your numbers that is 1.37 SWR
Tom - wa4ta

To: foxdelta@yahoogroups.com
From: 4z5cp@bezeqint.net
Date: Wed, 19 Jun 2013 16:31:17 +0000
Subject: [foxdelta] SWM3 Power meter and bridge calibration.

Hello group.

Anyone can explain what I did wrong.

I have purchase SWM3 Power meter and HF dual scale bridge kits.

Excellent and not expensive kits, thanks to all who made them.

I have made calibration by procedure with scale 200 and 2000 Watt. Power indicated right with 200 and 2000 watt scales, but if I change Wattmeter scale via setup of windows SWR meter program to 100 and 1000 Watt scale - I got half power indicated - 50 watt instead 100 Watt!!! Scale and value divided by 2 in firmware.

Do I need recalibrate with 100 and 1000 Watt scale if I whant to use these scales?

My other question about SWR calculation.

SWM3 Power meter reading: 81 Watt - forward, 2 Watt - reflective, SWR - 1.4 ----- That correct ?? (I think must be ~1.05)

Best regards.

607. Re: SWM3 Power meter and bridge calibration.

Yahoo group: foxdelta
Date: 2013-06-20 10:11:55 UTC
From: dibor_4z5cp
Topic: 605 Message: 607

Hi Tom.
Tnx for answer.
Yes, you are right, my mistake, 2.5% reflected power is about 1:1.4

Regards.

--- In foxdelta@yahoogroups.com, tom armour <ke4wio@...> wrote:
>
> I am not sure about your first question, but for your second, what formula are you using for SWR?
> It should be: (1+sqrt(Reflected/Forward))/(1-sqrt(Reflected/Forward)) = SWR (I use this with my Bird meter)
> For your numbers that is 1.37 SWR
> Tom - wa4ta
>
> To: foxdelta@yahoogroups.com
> From: 4z5cp@...
> Date: Wed, 19 Jun 2013 16:31:17 +0000
> Subject: [foxdelta] SWM3 Power meter and bridge calibration.
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> Hello group.
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>
> Anyone can explain what I did wrong.
>
>
>
> I have purchase SWM3 Power meter and HF dual scale bridge kits.
>
> Excellent and not expensive kits, thanks to all who made them.
>
>
>
> I have made calibration by procedure with scale 200 and 2000 Watt. Power indicated right with 200 and 2000 watt scales, but if I change Wattmeter scale via setup of windows SWR meter program to 100 and 1000 Watt scale - I got half power indicated - 50 watt instead 100 Watt!!! Scale and value divided by 2 in firmware.
>
>
>
> Do I need recalibrate with 100 and 1000 Watt scale if I whant to use these scales?
>
>
>
> My other question about SWR calculation.
>
>
>
> SWM3 Power meter reading: 81 Watt - forward, 2 Watt - reflective, SWR - 1.4 ----- That correct ?? (I think must be ~1.05)
>
>
>
> Best regards.
>

608. Away From Net

Yahoo group: foxdelta
Date: 2013-06-20 12:34:05 UTC
From: foxdelta
Topic: 608 Message: 608

Hello

I am away from home till 30th and will not be able to get internet well during this period.

73s/Dinesh Gajjar

609. Problem with Antenna Analyzer assembley (AAZ-0912)

Yahoo group: foxdelta
Date: 2013-06-22 18:00:16 UTC
From: allen.woolfrey
Topic: 609 Message: 609

1. Completed assembly following the "Assembly Note" document. All voltages check out as shown under "Preliminary Tests" with the exception that the RFC+FB voltage is 3.9v rather than the 3.3-3.5v shown.

2. PIC installed, and same voltages. The LED did NOT light up.

3. DDS module installed. LED did NOT light up. PC did not recognize the device.

4. Installed C21/C22. LED still did NOT light up. PC did not recognize the device.

5. Connected frequency counter at J1. 0.0 kHz shown.

Does anyone have any advice on other tests I could perform to diagnose the problem?

72/3, Al - va3iaw

610. Re: Problem with Antenna Analyzer assembley (AAZ-0912)

Yahoo group: foxdelta
Date: 2013-06-22 21:25:37 UTC
From: i2tzktony
Topic: 609 Message: 610

Remove the jumper cap from SW UPDATE (if any !!!)
73s Tony

--- In foxdelta@yahoogroups.com, "allen.woolfrey" <allen@...> wrote:
>
> 1. Completed assembly following the "Assembly Note" document. All voltages check out as shown under "Preliminary Tests" with the exception that the RFC+FB voltage is 3.9v rather than the 3.3-3.5v shown.
>
> 2. PIC installed, and same voltages. The LED did NOT light up.
>
> 3. DDS module installed. LED did NOT light up. PC did not recognize the device.
>
> 4. Installed C21/C22. LED still did NOT light up. PC did not recognize the device.
>
> 5. Connected frequency counter at J1. 0.0 kHz shown.
>
> Does anyone have any advice on other tests I could perform to diagnose the problem?
>
> 72/3, Al - va3iaw
>

611. Re: Problem with Antenna Analyzer assembley (AAZ-0912)

Yahoo group: foxdelta
Date: 2013-06-23 02:28:23 UTC
From: foxdelta
Topic: 609 Message: 611

Hello

1. If 10MHZ output is present at BNC, DDS is good
2. If PC do not recognize board and no LED, most likely its 20MHZ xtal problem. Remove (left one end) of 18/22pf caps used for xtal. Left one and see if PC recognizes. If not left another cap's one end and see what happens.
There are some 20mhz xtal that they have excessive internal capacitance. Xtal may work well without both capacitors.

3. check H1 header. It should be shorted.

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "allen.woolfrey" <allen@...> wrote:
>
> 1. Completed assembly following the "Assembly Note" document. All voltages check out as shown under "Preliminary Tests" with the exception that the RFC+FB voltage is 3.9v rather than the 3.3-3.5v shown.
>
> 2. PIC installed, and same voltages. The LED did NOT light up.
>
> 3. DDS module installed. LED did NOT light up. PC did not recognize the device.
>
> 4. Installed C21/C22. LED still did NOT light up. PC did not recognize the device.
>
> 5. Connected frequency counter at J1. 0.0 kHz shown.
>
> Does anyone have any advice on other tests I could perform to diagnose the problem?
>
> 72/3, Al - va3iaw
>

612. Re: Problem with Antenna Analyzer assembley (AAZ-0912)

Yahoo group: foxdelta
Date: 2013-06-23 02:05:36 UTC
From: allen.woolfrey
Topic: 609 Message: 612

Thank you for the response. No jumper cap. Other thoughts???

72, Al - va3iaw

--- In foxdelta@yahoogroups.com, "i2tzktony" <i2tzk@...> wrote:
>
> Remove the jumper cap from SW UPDATE (if any !!!)
> 73s Tony
>
> --- In foxdelta@yahoogroups.com, "allen.woolfrey" <allen@> wrote:
> >
> > 1. Completed assembly following the "Assembly Note" document. All voltages check out as shown under "Preliminary Tests" with the exception that the RFC+FB voltage is 3.9v rather than the 3.3-3.5v shown.
> >
> > 2. PIC installed, and same voltages. The LED did NOT light up.
> >
> > 3. DDS module installed. LED did NOT light up. PC did not recognize the device.
> >
> > 4. Installed C21/C22. LED still did NOT light up. PC did not recognize the device.
> >
> > 5. Connected frequency counter at J1. 0.0 kHz shown.
> >
> > Does anyone have any advice on other tests I could perform to diagnose the problem?
> >
> > 72/3, Al - va3iaw
> >
>

613. Re: [foxdelta] Re: Problem with Antenna Analyzer assembley (AAZ-0912)

Yahoo group: foxdelta
Date: 2013-06-23 04:06:28 UTC
From: Roger Ashley
Topic: 609 Message: 613

Good Morning,
All problems solved, I took the led out and checked it on the bench power supply at 1.8 - 2.0 volts, it was faulty, replaced with one in stock. All now working well. Certainly a very useful piece of equipment. Many of our club members have shown interest.

73,s

Roger Ashley.

Kindly advise receipt of this email, just to stop me bothering you further.
Thanks.
-------Original Message-------

From: foxdelta
Date: 06/23/13 03:30:32
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Re: Problem with Antenna Analyzer assembley (AAZ-0912)

Hello

1. If 10MHZ output is present at BNC, DDS is good
2. If PC do not recognize board and no LED, most likely its 20MHZ xtal problem. Remove (left one end) of 18/22pf caps used for xtal. Left one and see if PC recognizes. If not left another cap's one end and see what happens

There are some 20mhz xtal that they have excessive internal capacitance. Xtal may work well without both capacitors.

3. check H1 header. It should be shorted.

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "allen.woolfrey" <allen@...> wrote:
>
> 1. Completed assembly following the "Assembly Note" document. All voltages check out as shown under "Preliminary Tests" with the exception that the RFC+FB voltage is 3.9v rather than the 3.3-3.5v shown.
>
> 2. PIC installed, and same voltages. The LED did NOT light up.
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> 3. DDS module installed. LED did NOT light up. PC did not recognize the device.
>
> 4. Installed C21/C22. LED still did NOT light up. PC did not recognize the device.
>

> 5. Connected frequency counter at J1. 0.0 kHz shown.
>
> Does anyone have any advice on other tests I could perform to diagnose the problem?
>
> 72/3, Al - va3iaw
>

614. Re: Problem with Antenna Analyzer assembley (AAZ-0912)

Yahoo group: foxdelta
Date: 2013-06-25 16:35:00 UTC
From: allen.woolfrey
Topic: 609 Message: 614

I still have a problem.

I tried removing both C21 and C22, then adding one, then adding both. In all cases:

1. No 10 MHz output.
2. No LED.
3. Computer not recognized device.

What do you suggest that I try next?

72, Al - va3iaw

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
> Hello
>
> 1. If 10MHZ output is present at BNC, DDS is good
> 2. If PC do not recognize board and no LED, most likely its 20MHZ xtal problem. Remove (left one end) of 18/22pf caps used for xtal. Left one and see if PC recognizes. If not left another cap's one end and see what happens.
> There are some 20mhz xtal that they have excessive internal capacitance. Xtal may work well without both capacitors.
>
> 3. check H1 header. It should be shorted.
>
> 73s/Dinesh Gajjar
>
>
>
> --- In foxdelta@yahoogroups.com, "allen.woolfrey" <allen@> wrote:
> >
> > 1. Completed assembly following the "Assembly Note" document. All voltages check out as shown under "Preliminary Tests" with the exception that the RFC+FB voltage is 3.9v rather than the 3.3-3.5v shown.
> >
> > 2. PIC installed, and same voltages. The LED did NOT light up.
> >
> > 3. DDS module installed. LED did NOT light up. PC did not recognize the device.
> >
> > 4. Installed C21/C22. LED still did NOT light up. PC did not recognize the device.
> >
> > 5. Connected frequency counter at J1. 0.0 kHz shown.
> >
> > Does anyone have any advice on other tests I could perform to diagnose the problem?

> >
> > 72/3, Al - va3iaw
> >
>

615. Re: [foxdelta] Re: Problem with Antenna Analyzer assembley (AAZ-0912)

Yahoo group: foxdelta
Date: 2013-06-25 17:09:18 UTC
From: Jan Servaites
Topic: 609 Message: 615

Check for solder bridges, I had one or two.
Jan

allen.woolfrey wrote:

> I still have a problem.
>
> I tried removing both C21 and C22, then adding one, then adding both.
> In all cases:
>
> 1. No 10 MHz output.
> 2. No LED.
> 3. Computer not recognized device.
>
> What do you suggest that I try next?
>
> 72, Al - va3iaw
>
> --- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>,
> "foxdelta" <vu2fd@...> wrote:
> >
> >
> >
> > Hello
> >
> > 1. If 10MHZ output is present at BNC, DDS is good
> > 2. If PC do not recognize board and no LED, most likely its 20MHZ
> xtal problem. Remove (left one end) of 18/22pf caps used for xtal.
> Left one and see if PC recognizes. If not left another cap's one end
> and see what happens.
> > There are some 20mhz xtal that they have excessive internal
> capacitance. Xtal may work well without both capacitors.
> >
> > 3. check H1 header. It should be shorted.
> >
> > 73s/Dinesh Gajjar
> >
> >
> >
> > --- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>,
> "allen.woolfrey" <allen@> wrote:
> > >
> > > 1. Completed assembly following the "Assembly Note" document. All
> voltages check out as shown under "Preliminary Tests" with the
> exception that the RFC+FB voltage is 3.9v rather than the 3.3-3.5v shown.

> > >
> > > 2. PIC installed, and same voltages. The LED did NOT light up.
> > >
> > > 3. DDS module installed. LED did NOT light up. PC did not
> recognize the device.
> > >
> > > 4. Installed C21/C22. LED still did NOT light up. PC did not
> recognize the device.
> > >
> > > 5. Connected frequency counter at J1. 0.0 kHz shown.
> > >
> > > Does anyone have any advice on other tests I could perform to
> diagnose the problem?
> > >
> > > 72/3, Al - va3iaw
> > >
> >
>
>

616. Is firmware source code available?

Yahoo group: foxdelta
Date: 2013-06-23 13:41:39 UTC
From: Bob Segrest
Topic: 616 Message: 616

Hello Everyone,

Is the firmware source code (assembler, C, ?) available for any of the FoxDelta SWR analyzers?

I am considering the construction of an automatic screwdriver antenna (Tarheel.) controller and there are several basic functions in the firmware that I could potentially reuse or learn from.

Bob

KO2F

617. Re: [foxdelta] Re: Problem with Antenna Analyzer assembley (AAZ-0912)

Yahoo group: foxdelta
Date: 2013-06-25 17:49:55 UTC
From: m6csk
Topic: 609 Message: 617

I had all these problems, untill I installed a new version of Microsoft Dot Net. That fixed it.

Sent from Samsung Galaxy Note

-------- Original message --------
From: "allen.woolfrey" <allen@teamobject.com>
Date: 25/06/2013 17:35 (GMT+00:00)
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Re: Problem with Antenna Analyzer assembley (AAZ-0912)

I still have a problem.

I tried removing both C21 and C22, then adding one, then adding both. In all cases:

1. No 10 MHz output.
2. No LED.
3. Computer not recognized device.

What do you suggest that I try next?

72, Al - va3iaw

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
> Hello
>
> 1. If 10MHZ output is present at BNC, DDS is good
> 2. If PC do not recognize board and no LED, most likely its 20MHZ xtal problem. Remove (left one end) of 18/22pf caps used for xtal. Left one and see if PC recognizes. If not left another cap's one end and see what happens.
> There are some 20mhz xtal that they have excessive internal capacitance. Xtal may work well without both capacitors.
>
> 3. check H1 header. It should be shorted.
>
> 73s/Dinesh Gajjar
>
>
>
> --- In foxdelta@yahoogroups.com, "allen.woolfrey" <allen@> wrote:
> >
> > 1. Completed assembly following the "Assembly Note" document. All voltages check out as shown under "Preliminary Tests" with the exception that the RFC+FB voltage is 3.9v rather than the 3.3-3.5v shown.

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> >
> > Does anyone have any advice on other tests I could perform to diagnose the problem?
> >
> > 72/3, Al - va3iaw
> >
>

Fox Delta Amateur Radio Projects & KitsYahoo! Groups Links

618. Re: Problem with Antenna Analyzer assembley (AAZ-0912)

Yahoo group: foxdelta
Date: 2013-06-25 17:52:32 UTC
From: allen.woolfrey
Topic: 609 Message: 618

Thank you. I have checked the board carefully and can find no solder bridges.

I'm hoping someone can suggest other voltage tests that would narrow down the problem.

Al - va3iaw

--- In foxdelta@yahoogroups.com, Jan Servaites <jservaites@...> wrote:
>
> Check for solder bridges, I had one or two.
> Jan
>
> allen.woolfrey wrote:
>
> > I still have a problem.
> >
> > I tried removing both C21 and C22, then adding one, then adding both.
> > In all cases:
> >
> > 1. No 10 MHz output.
> > 2. No LED.
> > 3. Computer not recognized device.
> >
> > What do you suggest that I try next?
> >
> > 72, Al - va3iaw
> >
> > --- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>,
> > "foxdelta" <vu2fd@> wrote:
> > >
> > >
> > >
> > > Hello
> > >
> > > 1. If 10MHZ output is present at BNC, DDS is good
> > > 2. If PC do not recognize board and no LED, most likely its 20MHZ
> > xtal problem. Remove (left one end) of 18/22pf caps used for xtal.
> > Left one and see if PC recognizes. If not left another cap's one end
> > and see what happens.
> > > There are some 20mhz xtal that they have excessive internal
> > capacitance. Xtal may work well without both capacitors.
> > >
> > > 3. check H1 header. It should be shorted.
> > >
> > > 73s/Dinesh Gajjar
> > >
> > >

> > >
> > > --- In foxdelta@yahoogroups.com <mailto:foxdelta%40yahoogroups.com>,
> > "allen.woolfrey" <allen@> wrote:
> > > >
> > > > 1. Completed assembly following the "Assembly Note" document. All
> > voltages check out as shown under "Preliminary Tests" with the
> > exception that the RFC+FB voltage is 3.9v rather than the 3.3-3.5v shown.
> > > >
> > > > 2. PIC installed, and same voltages. The LED did NOT light up.
> > > >
> > > > 3. DDS module installed. LED did NOT light up. PC did not
> > recognize the device.
> > > >
> > > > 4. Installed C21/C22. LED still did NOT light up. PC did not
> > recognize the device.
> > > >
> > > > 5. Connected frequency counter at J1. 0.0 kHz shown.
> > > >
> > > > Does anyone have any advice on other tests I could perform to
> > diagnose the problem?
> > > >
> > > > 72/3, Al - va3iaw
> > > >
> > >
> >
>

619. Re: Problem with Antenna Analyzer assembley (AAZ-0912)

Yahoo group: foxdelta
Date: 2013-06-26 02:31:32 UTC
From: allen.woolfrey
Topic: 609 Message: 619

My immediate issues right now are
1. Frequency output is 0.0 kHz
2. No LED lighting up
3. Computer doesn't recognize the antenna analyzer.

After these issues are resolved, I may have to try your suggestion if there is an issue running the PC software.

73, Al - va3iaw

--- In foxdelta@yahoogroups.com, m6csk <m6csk@...> wrote:
>
> I had all these problems, untill I installed a new version of Microsoft Dot Net. That fixed it.
>
>
> Sent from Samsung Galaxy Note
>
> -------- Original message --------
> From: "allen.woolfrey" <allen@...>
> Date: 25/06/2013 17:35 (GMT+00:00)
> To: foxdelta@yahoogroups.com
> Subject: [foxdelta] Re: Problem with Antenna Analyzer assembley (AAZ-0912)
>
> I still have a problem.Â
>
> I tried removing both C21 and C22, then adding one, then adding both.Â In all cases:
>
> 1.Â No 10 MHz output.
> 2.Â No LED.
> 3.Â Computer not recognized device.
>
> What do you suggest that I try next?
>
> 72, Al - va3iaw
>
>
> --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@> wrote:
> >
> >
> >
> > Hello
> >
> > 1. If 10MHZ output is present at BNC, DDS is good
> > 2. If PC do notÂ recognize board and no LED, most likely its 20MHZ xtal problem. Remove (left one end) of 18/22pf caps used for xtal. Left one and see if PC recognizes. If

not left another cap's one end and see what happens.
> > There are some 20mhz xtal that they have excessive internal capacitance. Xtal may work well without both capacitors.
> >
> > 3. check H1 header. It should be shorted.
> >
> > 73s/Dinesh Gajjar
> >
> >
> >
> > --- In foxdelta@yahoogroups.com, "allen.woolfrey" <allen@> wrote:
> > >
> > > 1. Completed assembly following the "Assembly Note" document.Â All voltages check out as shown under "Preliminary Tests" with the exception that the RFC+FB voltage is 3.9v rather than the 3.3-3.5v shown.
> > >
> > > 2. PIC installed, and same voltages.Â The LED did NOT light up.
> > >
> > > 3. DDS module installed.Â LED did NOT light up.Â PC did not recognize the device.
> > >
> > > 4. Installed C21/C22.Â LED still did NOT light up.Â PC did not recognize the device.
> > >
> > > 5. Connected frequency counter at J1.Â 0.0 kHz shown.
> > >
> > > Does anyone have any advice on other tests I could perform to diagnose the problem?
> > >
> > > 72/3, Al - va3iaw
> > >
> >
>
>
>
>
> ---
>
> Fox Delta Amateur Radio Projects & KitsYahoo! Groups Links
>

620. FC3 project at a standstill

Yahoo group: foxdelta
Date: 2013-07-02 12:40:22 UTC
From: w1sfr
Topic: 620 Message: 620

I've been building the FC3 frequency counter and RF probe kit and all has gone well, but when I went to finish up the kit I discovered that I received 2 PCB boards meant for possible expansion and experiment instead of the keyboard PCB board that has the main control buttons. SO frustrating!

I didn't want to post this to the group, but I'm not getting any response from any emails to the Fox Delta site, so this is a last resort.

Can anyone help me?

73
Steve
W1SFR

621. Re: FC3 project at a standstill

Yahoo group: foxdelta
Date: 2013-07-02 15:30:22 UTC
From: foxdelta
Topic: 620 Message: 621

Hello

I sent one mail yesterday and one today asking for your shipping address.

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "w1sfr" <steverob@...> wrote:
>
> I've been building the FC3 frequency counter and RF probe kit and all has gone well, but when I went to finish up the kit I discovered that I received 2 PCB boards meant for possible expansion and experiment instead of the keyboard PCB board that has the main control buttons. SO frustrating!
>
> I didn't want to post this to the group, but I'm not getting any response from any emails to the Fox Delta site, so this is a last resort.
>
> Can anyone help me?
>
> 73
> Steve
> W1SFR
>

622. Unexpected Exeption.

Yahoo group: foxdelta
Date: 2013-07-03 15:51:23 UTC
From: Roger
Topic: 622 Message: 622

On the antenna analizer periodically I get the problem of a box cropping up with the following:
Unexpected Exeption.
Exception : Arithmetic operation resulted in an overflow.
Module : Serial HD
Mthod : FinfTheHid.

I have emailed about this but no reply so wondering if anyone can throw some light on this problem.. It happens both on my workshop PC running Win 7 and my laptop running Win 8 .
Thanks for reading.

623. FC3

Yahoo group: foxdelta
Date: 2013-07-07 05:03:28 UTC
From: zl1ujg
Topic: 623 Message: 623

Hi,
Name is Kevin, ZL1UJG
Just ordered a FC3 unit.

I saw postings off reflector about the measured level being inaccurate when the frequency counter stops working at about -20 dBm and it assumes the lowest frequency and applies a correction which is at 75 kHz and of the order of 8-10 dB according to the information on the website.
Looking at the circuit, the -3 dB point for the input to the AD8307 is about 180 kHz assuming 1100 ohms input Z for the AD8307.

If the input capacitor to the AD8307 was made to be 10nF, wouldnt that reduce the -3 dB point down to about 18 kHz, so the correction factors would ~ nominal.

Just my thoughts...

There looks to be some nice bits on the site... I can see some more $ being spent :)

Kevin

624. Re: FC3

Yahoo group: foxdelta
Date: 2013-07-07 10:19:35 UTC
From: foxdelta
Topic: 623 Message: 624

Hello

Input caps to AD8307 are 0.001uf. when changed to 0.1uf (or 0.01uf), showed better LF response.
You may try placing 0.1uf in parallel to 0.001uf and see results (Solder at bottom side)

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "zl1ujg" <zl1ujg@...> wrote:
>
> Hi,
> Name is Kevin, ZL1UJG
> Just ordered a FC3 unit.
>
> I saw postings off reflector about the measured level being inaccurate when the frequency counter stops working at about -20 dBm and it assumes the lowest frequency and applies a correction which is at 75 kHz and of the order of 8-10 dB according to the information on the website.
> Looking at the circuit, the -3 dB point for the input to the AD8307 is about 180 kHz assuming 1100 ohms input Z for the AD8307.
>
> If the input capacitor to the AD8307 was made to be 10nF, wouldnt that reduce the -3 dB point down to about 18 kHz, so the correction factors would ~ nominal.
>
> Just my thoughts...
>
> There looks to be some nice bits on the site... I can see some more $ being spent :)
>
> Kevin
>

625. Re: FoxTrak PTT issue

Yahoo group: foxdelta
Date: 2013-07-09 17:27:23 UTC
From: kc0mlt
Topic: 601 Message: 625

Just an update. I have worked on this issue for the past month off and on and still no progress. Does anyone on here by chance have a possible solution?

Thanks

Wade
KC0MLT

--- In foxdelta@yahoogroups.com, "kc0mlt" <kc0mlt@...> wrote:
>
> Good afternoon all,
>
> I am attempting to attach a FoxTrak to a Midland 70-1336B radio. I have everything working GPS wise and the connection from the radio is solid and wired correctly. The radio TX just fine while shorting the appropriate pins on the mic connector (which I am using to key the radio and input audio).
>
> My issue is with the keying of the radio I have the 5.03V from the radio on J3 pin 8 and have followed it through the circuit and it is present on the cathode end of D5 & D7. I have 4.92V on the anode end of D7 and 2mV on the anode end of D5 with no change while the TX LED is lit. The radio will not key up. Am I doing something wrong in the set up of the Variable resistors? (no information in any of the documentation I could find on the site or the group on how to adjust those) I have also lifted one end of R7 as indicated in the documentation I do have. I have also tried it connected in an attempt to figure this out.
>
> Any help would be greatly appreciated!
>
> Thanks
> KC0MLT
>
> Wade
>

626. My AAZ crashes quite often

Yahoo group: foxdelta
Date: 2013-07-16 21:54:29 UTC
From: Philip
Topic: 626 Message: 626

When using my AAZ, the program crashes part way through the frequency scan maybe one in every three times I run it.
Only way to get back in control is to unplug and reconnect the AAZ USB lead.
Otherwise, it works perfectely.

I have tried on two computers with the same problem.
Both computers run with Windows 7 32 bit and my AAZ software is version 4.

Any reports of other people having this happen?

No big deal as I can get it to run but it's a bit annoying..

Thanks for any help

Regards
Philip G4JVF

627. Re: My AAZ crashes quite often

Yahoo group: foxdelta
Date: 2013-07-17 07:07:52 UTC
From: i2tzktony
Topic: 626 Message: 627

Hi
Thanks gor your msg.
I'm on the road, i'll investigate abt as soon i'be back home.
Tony

--- In foxdelta@yahoogroups.com, "Philip" <pcteee@...> wrote:
>
> When using my AAZ, the program crashes part way through the frequency scan maybe one in every three times I run it.
> Only way to get back in control is to unplug and reconnect the AAZ USB lead.
> Otherwise, it works perfectely.
>
> I have tried on two computers with the same problem.
> Both computers run with Windows 7 32 bit and my AAZ software is version 4.
>
> Any reports of other people having this happen?
>
> No big deal as I can get it to run but it's a bit annoying..
>
> Thanks for any help
>
> Regards
> Philip G4JVF
>

628. RE: [foxdelta] My AAZ crashes quite often

Yahoo group: foxdelta
Date: 2013-07-17 14:00:14 UTC
From: tom armour
Topic: 626 Message: 628

When you say crash do you mean you get a pop-up box that says something happened? or does the software just lock up? or just terminate with or without a message?
If you get a pop-up what does it say? I get the pop-up errors is when I disconnect the unit from the USB while the software is up (not doing a scan) and it usually says something like 'number out of range' (I have not written the message down).
Also I get a pop-up error if I leave it up over night. I think that has to do with USB disconnect because of power saving configuration.
Tom -wa4ta

To: foxdelta@yahoogroups.com
From: pcteee@...
Date: Tue, 16 Jul 2013 21:54:29 +0000
Subject: [foxdelta] My AAZ crashes quite often

When using my AAZ, the program crashes part way through the frequency scan maybe one in every three times I run it.

Only way to get back in control is to unplug and reconnect the AAZ USB lead.

Otherwise, it works perfectely.

I have tried on two computers with the same problem.

Both computers run with Windows 7 32 bit and my AAZ software is version 4.

Any reports of other people having this happen?

No big deal as I can get it to run but it's a bit annoying..

Thanks for any help

Regards

Philip G4JVF

629. Re: My AAZ crashes quite often

Yahoo group: foxdelta
Date: 2013-07-17 16:20:25 UTC
From: Philip
Topic: 626 Message: 629

It's a software lockup Tom...

Can only then shut the program down by unplugging the USB lead...
Only other USB stuff in use at the time is mouse and keyboard....

Just performed a clean re install of Windows7 32 bit as my puter
was getting a bit messy.

Still getting the lock up though...
Tried different USB leads and have run on different USB sockets
on the computer to no avail...

Don't get me wrong, It doesn't happen at every session but once in three or four is about
the fail rate.

It's happened since I got the AAZ (firstly in version 3)
Odd thing is, I can't remember seeing anybody else mention it so it's not going to be
straight forward to fix I reckon..

Philip G4JVF

--- In foxdelta@yahoogroups.com, tom armour <ke4wio@...> wrote:
>
> When you say crash do you mean you get a pop-up box that says something happened? or does
the software just lock up? or just terminate with or without a message?
> If you get a pop-up what does it say? I get the pop-up errors is when I disconnect the
unit from the USB while the software is up (not doing a scan) and it usually says something
like 'number out of range' (I have not written the message down).
> Also I get a pop-up error if I leave it up over night. I think that has to do with USB
disconnect because of power saving configuration.
> Tom -wa4ta
>
> To: foxdelta@yahoogroups.com
> From: pcteee@...
> Date: Tue, 16 Jul 2013 21:54:29 +0000
> Subject: [foxdelta] My AAZ crashes quite often
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> When using my AAZ, the program crashes part way through the frequency scan maybe one in every three times I run it.
>
> Only way to get back in control is to unplug and reconnect the AAZ USB lead.
>
> Otherwise, it works perfectely.
>
>
>
> I have tried on two computers with the same problem.
>
> Both computers run with Windows 7 32 bit and my AAZ software is version 4.
>
>
>
> Any reports of other people having this happen?
>
>
>
> No big deal as I can get it to run but it's a bit annoying..
>
>
>
> Thanks for any help
>
>
>
> Regards
>
> Philip G4JVF
>

630. Flip mode with foxdelta ST2 interface and G-5500

Yahoo group: foxdelta
Date: 2013-07-17 21:25:32 UTC
From: Ian
Topic: 630 Message: 630

I cannot for the life of me get my rotator to use "flip mode" (when it flips the antennas over on an overhead pass instead of going all the way around azimuth.

Has anyone here with an ST2 interface had any luck with it, so far I have tried Orbitron with pstrotator, Nova for windows, HRD satellite and rotator (this one I really want to get working above the others)

I hope someone has had some luck

thanks in advance.

631. FC3 Question

Yahoo group: foxdelta
Date: 2013-07-20 16:13:14 UTC
From: wm.gregory
Topic: 631 Message: 631

Hello Group,

Can someone tell me why my FC3 reads approximately double the expected frequency?

Thanks,
Will KK4PCV

632. Re: FC3 Question

Yahoo group: foxdelta
Date: 2013-07-21 07:55:25 UTC
From: zl1ujg
Topic: 631 Message: 632

Hi,
Depending on the frequency being measured, some other FC3 frequencies may show great sensitivity, and if your source has significant harmonic content, then with these together, this may make the unit more prone to reading harmonics. (I have seen this on some so-called "professional" counters.
Another possibility is that excess levels may be driving one, or more stages into non-linearity, before the counter process, which may also cause issues.
Kevin
ZL1UJG

--- In foxdelta@yahoogroups.com, "wm.gregory" <wm.gregory@...> wrote:
>
> Hello Group,
>
> Can someone tell me why my FC3 reads approximately double the expected frequency?
>
> Thanks,
> Will KK4PCV
>

633. Re: FC3 Question

Yahoo group: foxdelta
Date: 2013-07-23 12:01:58 UTC
From: wm.gregory
Topic: 631 Message: 633

Thank you for the explanation Kevin.This must explain why it reads correctly when used near, but not connected directly to the HT.

Will KK4PCV

--- In foxdelta@yahoogroups.com, "zl1ujg" <zl1ujg@...> wrote:
>
> Hi,
> Depending on the frequency being measured, some other FC3 frequencies may show great sensitivity, and if your source has significant harmonic content, then with these together, this may make the unit more prone to reading harmonics. (I have seen this on some so-called "professional" counters.
> Another possibility is that excess levels may be driving one, or more stages into non-linearity, before the counter process, which may also cause issues.
> Kevin
> ZL1UJG
>
>
> --- In foxdelta@yahoogroups.com, "wm.gregory" <wm.gregory@> wrote:
> >
> > Hello Group,
> >
> > Can someone tell me why my FC3 reads approximately double the expected frequency?
> >
> > Thanks,
> > Will KK4PCV
> >
>

634. New Projects and Kits

Yahoo group: foxdelta
Date: 2013-07-23 12:46:39 UTC
From: foxdelta
Topic: 634 Message: 634

Hello

I am happy to let you all know that, couple of new projects are ready for which we have been working for quite sometime.

First:
We decided for a Graphic CPU project. Idea was that we make all new projects based on this one type of hardware and just change PIC firmware. Final result is our project : "INFINITY" which means that same hardware (PIC based Graphic CPU) can be used for various projects.

Please check details at: http://www.foxdelta.com/products/infinity.htm

Second:
New PM4: a dual channel 500MHZ RF Meter project is almost completed. Its based on "INFINITY" Graphic CPU and a Sensor Board with 2XAD8307s.

Please Visit: http://www.foxdelta.com/products/pm4.htm

Third:
Antenna Analyzer AAZ-0912 has been very popular and lots of Radio amateurs took interest. We decided to make a small change to hardware and make it a Graphic LCD Antenna Analyzer.

AAZ-0713 is new antenna analyzer. Its basically same as AAZ-0912 in all respect except that it has few more components and a D9 connector to connect it to a Graphic CPU (INFINITY)

Result is that: AAZ-0713 (priced at AAZ-0912) will have user option to use as a PC / USB analyzer or add a Graphic CPU to made it standalone Graphic Display analyzer.

Please check details at: http://www.foxdelta.com/products/aaz-0713.htm

I hope you will agree that we are working hard on new project!!

73s
Tony/I2TZK, Frank/K7SFN,Dinesh/VU2FD,

635. Impedance measurements with AAZ-0912?

Yahoo group: foxdelta
Date: 2013-08-06 00:54:59 UTC
From: David Halbakken
Topic: 635 Message: 635

My AAZ-0912 arrived yesterday. I think it offers great value for the money, and I am pleased with it.

It would be very useful to get impedance readings. Obviously, the unit cannot offer vector information, but it should be able to offer an impedance readout or plot.

Is Tony able to add that capability?

Dave

636. SWRA running on smartphone

Yahoo group: foxdelta
Date: 2013-08-07 09:31:51 UTC
From: i2tzktony
Topic: 636 Message: 636

Hi Guys
announcing that SWRA can now work with any Android terminal like smartphone or tablet.

This should be very usefull for mobile operation, field day event or in any environment where a pc is not available.

Please have to the pdf doc "SWRA_Android" on my website here:

http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=98:swraandroid-v1-00

Comments and questions are very welcome

73's Tony, i2tzk

637. Re: [foxdelta] SWRA running on smartphone

Yahoo group: foxdelta
Date: 2013-08-07 12:27:53 UTC
From: Graham
Topic: 636 Message: 637

Very nice Tony.

When will v5.0 of the firmware and software be posted?

cheers, Graham ve3gtc

p.s. I never did very far with my linux app for the SWRA, just haven't
had the time to give it.

On 13-08-07 09:31 AM, i2tzktony wrote:
> Hi Guys
> announcing that SWRA can now work with any Android terminal like smartphone or tablet.
>
> This should be very usefull for mobile operation, field day event or in any environment
where a pc is not available.
>
> Please have to the pdf doc "SWRA_Android" on my website here:
>
> http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=98:swraand
roid-v1-00
>
> Comments and questions are very welcome
>
> 73's Tony, i2tzk
>
>
>

638. Re: SWRA running on smartphone

Yahoo group: foxdelta
Date: 2013-08-07 15:08:05 UTC
From: i2tzktony
Topic: 636 Message: 638

Hi Graham
the f/w v5.00 is now available for download from my website.

73's Tony

--- In foxdelta@yahoogroups.com, Graham <planophore@...> wrote:
>
> Very nice Tony.
>
> When will v5.0 of the firmware and software be posted?
>
> cheers, Graham ve3gtc
>
> p.s. I never did very far with my linux app for the SWRA, just haven't
> had the time to give it.
>
>
> On 13-08-07 09:31 AM, i2tzktony wrote:
> > Hi Guys
> > announcing that SWRA can now work with any Android terminal like smartphone or tablet.
> >
> > This should be very usefull for mobile operation, field day event or in any environment
where a pc is not available.
> >
> > Please have to the pdf doc "SWRA_Android" on my website here:
> >
> > http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=98:swraa
ndroid-v1-00
> >
> > Comments and questions are very welcome
> >
> > 73's Tony, i2tzk
> >
> >
> >
>

639. Re: [foxdelta] Re: SWRA running on smartphone

Yahoo group: foxdelta
Date: 2013-08-07 15:27:21 UTC
From: KHLT
Topic: 636 Message: 639

Is this purely for bluetooth or will it work with tablets/phones that
have a working USB host (i.e..direct connection)

Thanks Kymmy

On 07/08/2013 16:08, i2tzktony wrote:
> Hi Graham
> the f/w v5.00 is now available for download from my website.
>
> 73's Tony
>
> --- In foxdelta@yahoogroups.com, Graham <planophore@...> wrote:
>> Very nice Tony.
>>
>> When will v5.0 of the firmware and software be posted?
>>
>> cheers, Graham ve3gtc
>>
>> p.s. I never did very far with my linux app for the SWRA, just haven't
>> had the time to give it.
>>
>>
>> On 13-08-07 09:31 AM, i2tzktony wrote:
>>> Hi Guys
>>> announcing that SWRA can now work with any Android terminal like smartphone or tablet.
>>>
>>> This should be very usefull for mobile operation, field day event or in any environment
where a pc is not available.
>>>
>>> Please have to the pdf doc "SWRA_Android" on my website here:
>>>
>>> http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=98:swraa
ndroid-v1-00
>>>
>>> Comments and questions are very welcome
>>>
>>> 73's Tony, i2tzk
>>>
>>>

640. AAZ-0912 Update

Yahoo group: foxdelta
Date: 2013-08-08 04:53:31 UTC
From: foxdelta
Topic: 640 Message: 640

Hello

Some news for AAZ-0912 users:

1.
Now you can update AAZ-0912 to V5.00 FW. This requires that you also run V5.00 PC Software.

FW and SW may be downloaded from Tony's website or from AAZ-0713 webpage at:
http://www.foxdelta.com/products/aaz-0713.htm

2.
AAZ-0912 at 50MHZ:

AAZ-0912 DDS can go to 50MHZ any beyond (with 125MHZ clock, its should work well to 60MHZ). In most units tested, it goes to 55 or 60MHZ without problem. To get this upper limit, go to setup and set upper frequency at 50.000MHZ. Save setup and its ready for scanning from 1 to 50MHZ.

3.
A small bluetooth adapter is completed and tested and project/kits will be available soon. All you have to do is: connect your USB cable to this board instead of your PC. (And supply +12V to this adapter board)This will make AAZ-0912 a standalone smartphone version.

To use Graphic LCD/CPU or Bluetooth adapter, its required that you update fw in your AAZ-0912/0713 to V5.00

73s/Dinesh Gajjar

641. Re: SWRA running on smartphone

Yahoo group: foxdelta
Date: 2013-08-08 04:56:00 UTC
From: i2tzktony
Topic: 636 Message: 641

Hi Kymmy
the BT adapter and SWRA board (h/w+f/w) can work with any USB/host device, focus must be on the host s/w side.
At present I've developped only Windows USB HID and Android BT application, anybody wants to implement Linux or iOS is very welcome.
Please pvm me for technical details.
73's Tony

--- In foxdelta@yahoogroups.com, KHLT <mailinglists@...> wrote:
>
> Is this purely for bluetooth or will it work with tablets/phones that
> have a working USB host (i.e..direct connection)
>
> Thanks Kymmy
>
> On 07/08/2013 16:08, i2tzktony wrote:
> > Hi Graham
> > the f/w v5.00 is now available for download from my website.
> >
> > 73's Tony
> >
> > --- In foxdelta@yahoogroups.com, Graham <planophore@> wrote:
> >> Very nice Tony.
> >>
> >> When will v5.0 of the firmware and software be posted?
> >>
> >> cheers, Graham ve3gtc
> >>
> >> p.s. I never did very far with my linux app for the SWRA, just haven't
> >> had the time to give it.
> >>
> >>
> >> On 13-08-07 09:31 AM, i2tzktony wrote:
> >>> Hi Guys
> >>> announcing that SWRA can now work with any Android terminal like smartphone or tablet.
> >>>
> >>> This should be very usefull for mobile operation, field day event or in any environment where a pc is not available.
> >>>
> >>> Please have to the pdf doc "SWRA_Android" on my website here:
> >>>
> >>> http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=98:swraandroid-v1-00
> >>>

> >>> Comments and questions are very welcome
> >>>
> >>> 73's Tony, i2tzk
> >>>
> >>>
>

642. Re: AAZ-0912 Update

Yahoo group: foxdelta
Date: 2013-08-08 07:39:18 UTC
From: David Halbakken
Topic: 640 Message: 642

Thank you! The one bug I noticed is that clicking the "Full" scan button only sets the upper limit to 35 MHz.

Will you release software to run on the iPad with Bluetooth?

David

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
> Hello
>
> Some news for AAZ-0912 users:
>
> 1.
> Now you can update AAZ-0912 to V5.00 FW. This requires that you also run V5.00 PC Software.
>
> FW and SW may be downloaded from Tony's website or from AAZ-0713 webpage at: http://www.foxdelta.com/products/aaz-0713.htm
>
> 2.
> AAZ-0912 at 50MHZ:
>
> AAZ-0912 DDS can go to 50MHZ any beyond (with 125MHZ clock, its should work well to 60MHZ). In most units tested, it goes to 55 or 60MHZ without problem. To get this upper limit, go to setup and set upper frequency at 50.000MHZ. Save setup and its ready for scanning from 1 to 50MHZ.
>
> 3.
> A small bluetooth adapter is completed and tested and project/kits will be available soon. All you have to do is: connect your USB cable to this board instead of your PC. (And supply +12V to this adapter board)This will make AAZ-0912 a standalone smartphone version.
>
> To use Graphic LCD/CPU or Bluetooth adapter, its required that you update fw in your AAZ-0912/0713 to V5.00
>
> 73s/Dinesh Gajjar
>

643. Re: AAZ-0912 Update

Yahoo group: foxdelta
Date: 2013-08-08 07:51:37 UTC
From: i2tzktony
Topic: 640 Message: 643

Hi David

Frequency upper limit can be changed from the SetUp menu, default value is 35MHz.
Sorry actually no plan to develop iPad version.
Anybody wants to implement Linux or Apple application for SWRA please contact me for technical details.

73's Tony

--- In foxdelta@yahoogroups.com, "David Halbakken" <earlytorise@...> wrote:
>
> Thank you! The one bug I noticed is that clicking the "Full" scan button only sets the upper limit to 35 MHz.
>
> Will you release software to run on the iPad with Bluetooth?
>
> David
>
> --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@> wrote:
> >
> > Hello
> >
> > Some news for AAZ-0912 users:
> >
> > 1.
> > Now you can update AAZ-0912 to V5.00 FW. This requires that you also run V5.00 PC Software.
> >
> > FW and SW may be downloaded from Tony's website or from AAZ-0713 webpage at: http://www.foxdelta.com/products/aaz-0713.htm
> >
> > 2.
> > AAZ-0912 at 50MHZ:
> >
> > AAZ-0912 DDS can go to 50MHZ any beyond (with 125MHZ clock, its should work well to 60MHZ). In most units tested, it goes to 55 or 60MHZ without problem. To get this upper limit, go to setup and set upper frequency at 50.000MHZ. Save setup and its ready for scanning from 1 to 50MHZ.
> >
> > 3.
> > A small bluetooth adapter is completed and tested and project/kits will be available soon. All you have to do is: connect your USB cable to this board instead of your PC. (And supply +12V to this adapter board)This will make AAZ-0912 a standalone smartphone version.
> >
> > To use Graphic LCD/CPU or Bluetooth adapter, its required that you update fw in your AAZ-0912/0713 to V5.00

> >
> > 73s/Dinesh Gajjar
> >
>

644. Re: AAZ-0912 Update

Yahoo group: foxdelta
Date: 2013-08-08 08:15:47 UTC
From: David Halbakken
Topic: 640 Message: 644

Hi Tony,

At least for me, even after changing the upper frequency limit in setup to 55 MHz, pushing the "Full" button causes the upper limit to drop from 55 to 35 MHz.

I was a professional software engineer for many years. I might be willing to take on the task, but I have no experience with IOS. Do you have any idea how much effort a port might be? How long did it take you to go from Windows to Android?

It might just be better to buy an Android unit.

73,

David WA0PND / HS0ZLG

--- In foxdelta@yahoogroups.com, "i2tzktony" <i2tzk@...> wrote:
>
> Hi David
>
> Frequency upper limit can be changed from the SetUp menu, default value is 35MHz.
> Sorry actually no plan to develop iPad version.
> Anybody wants to implement Linux or Apple application for SWRA please contact me for technical details.
>
> 73's Tony
>
> --- In foxdelta@yahoogroups.com, "David Halbakken" <earlytorise@> wrote:
> >
> > Thank you! The one bug I noticed is that clicking the "Full" scan button only sets the upper limit to 35 MHz.
> >
> > Will you release software to run on the iPad with Bluetooth?
> >
> > David
> >
> > --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@> wrote:
> > >
> > > Hello
> > >
> > > Some news for AAZ-0912 users:
> > >
> > > 1.
> > > Now you can update AAZ-0912 to V5.00 FW. This requires that you also run V5.00 PC Software.
> > >
> > > FW and SW may be downloaded from Tony's website or from AAZ-0713 webpage at:

http://www.foxdelta.com/products/aaz-0713.htm
> > >
> > > 2.
> > > AAZ-0912 at 50MHZ:
> > >
> > > AAZ-0912 DDS can go to 50MHZ any beyond (with 125MHZ clock, its should work well to 60MHZ). In most units tested, it goes to 55 or 60MHZ without problem. To get this upper limit, go to setup and set upper frequency at 50.000MHZ. Save setup and its ready for scanning from 1 to 50MHZ.
> > >
> > > 3.
> > > A small bluetooth adapter is completed and tested and project/kits will be available soon. All you have to do is: connect your USB cable to this board instead of your PC. (And supply +12V to this adapter board)This will make AAZ-0912 a standalone smartphone version.
> > >
> > > To use Graphic LCD/CPU or Bluetooth adapter, its required that you update fw in your AAZ-0912/0713 to V5.00
> > >
> > > 73s/Dinesh Gajjar
> > >
> >
>

645. Re: AAZ-0912 Update

Yahoo group: foxdelta
Date: 2013-08-08 09:02:47 UTC
From: i2tzktony
Topic: 640 Message: 645

Hi David
yes you're right "full" limits are s/w initialzed to 1-35MHz, next release they will initialize to the max min as selected by the setup panel.

Android version took to me much more time (abt 3 months) than the Windows version for several reasons:
1- windows past experience allowed me to not study/invent any new function, just using the already done analysis.
2- less/reduced features respect to Win (due to the less processing resouces available on smatphone) did speed up the development process.
3- usage of the "Rapid Application Development" language B4A. Java is much much much ... much more professional but it takes much much more time ...

Sorry no experience with Apple, i know OO languages, i know that the language for iOS development is like a "C dialect" so it wont be difficult, but sorry no time at present.
If you have experience on "C" may be looking at the Apple development forum or to one of several "my first application tutorial" probably you could understand better than me how much time it will require.
To start you need to develop only one graphic panel ploting a curve (500 elements vector), this done you'll add the BT protocol to populate the vector elements from the SWRA board.
This is wha i did, that's all you need to start with.

73's Tony

--- In foxdelta@yahoogroups.com, "David Halbakken" <earlytorise@...> wrote:
>
> Hi Tony,
>
> At least for me, even after changing the upper frequency limit in setup to 55 MHz, pushing the "Full" button causes the upper limit to drop from 55 to 35 MHz.
>
> I was a professional software engineer for many years. I might be willing to take on the task, but I have no experience with IOS. Do you have any idea how much effort a port might be? How long did it take you to go from Windows to Android?
>
> It might just be better to buy an Android unit.
>
> 73,
>
> David WA0PND / HS0ZLG
>
> --- In foxdelta@yahoogroups.com, "i2tzktony" <i2tzk@> wrote:
> >
> > Hi David
> >
> > Frequency upper limit can be changed from the SetUp menu, default value is 35MHz.

> > Sorry actually no plan to develop iPad version.
> > Anybody wants to implement Linux or Apple application for SWRA please contact me for technical details.
> >
> > 73's Tony
> >
> > --- In foxdelta@yahoogroups.com, "David Halbakken" <earlytorise@> wrote:
> > >
> > > Thank you! The one bug I noticed is that clicking the "Full" scan button only sets the upper limit to 35 MHz.
> > >
> > > Will you release software to run on the iPad with Bluetooth?
> > >
> > > David
> > >
> > > --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@> wrote:
> > > >
> > > > Hello
> > > >
> > > > Some news for AAZ-0912 users:
> > > >
> > > > 1.
> > > > Now you can update AAZ-0912 to V5.00 FW. This requires that you also run V5.00 PC Software.
> > > >
> > > > FW and SW may be downloaded from Tony's website or from AAZ-0713 webpage at: http://www.foxdelta.com/products/aaz-0713.htm
> > > >
> > > > 2.
> > > > AAZ-0912 at 50MHZ:
> > > >
> > > > AAZ-0912 DDS can go to 50MHZ any beyond (with 125MHZ clock, its should work well to 60MHZ). In most units tested, it goes to 55 or 60MHZ without problem. To get this upper limit, go to setup and set upper frequency at 50.000MHZ. Save setup and its ready for scanning from 1 to 50MHZ.
> > > >
> > > > 3.
> > > > A small bluetooth adapter is completed and tested and project/kits will be available soon. All you have to do is: connect your USB cable to this board instead of your PC. (And supply +12V to this adapter board)This will make AAZ-0912 a standalone smartphone version.
> > > >
> > > > To use Graphic LCD/CPU or Bluetooth adapter, its required that you update fw in your AAZ-0912/0713 to V5.00
> > > >
> > > > 73s/Dinesh Gajjar
> > > >
> > >
> >
>

646. Re: AAZ-0912 Update

Yahoo group: foxdelta
Date: 2013-08-08 09:07:12 UTC
From: i2tzktony
Topic: 640 Message: 646

Sorry, please read
"Android version took to me much LESS time (abt 3 months).."

--- In foxdelta@yahoogroups.com, "i2tzktony" <i2tzk@...> wrote:
>
> Hi David
> yes you're right "full" limits are s/w initialzed to 1-35MHz, next release they will initialize to the max min as selected by the setup panel.
> ----------
> Android version took to me much more time (abt 3 months) than the Windows version for several reasons:
> 1- windows past experience allowed me to not study/invent any new function, just using the already done analysis.
> 2- less/reduced features respect to Win (due to the less processing resouces available on smatphone) did speed up the development process.
> 3- usage of the "Rapid Application Development" language B4A. Java is much much much ... much more professional but it takes much much more time ...
>
> Sorry no experience with Apple, i know OO languages, i know that the language for iOS development is like a "C dialect" so it wont be difficult, but sorry no time at present.
> If you have experience on "C" may be looking at the Apple development forum or to one of several "my first application tutorial" probably you could understand better than me how much time it will require.
> To start you need to develop only one graphic panel ploting a curve (500 elements vector), this done you'll add the BT protocol to populate the vector elements from the SWRA board.
> This is wha i did, that's all you need to start with.
>
> 73's Tony
>
>
> --- In foxdelta@yahoogroups.com, "David Halbakken" <earlytorise@> wrote:
> >
> > Hi Tony,
> >
> > At least for me, even after changing the upper frequency limit in setup to 55 MHz, pushing the "Full" button causes the upper limit to drop from 55 to 35 MHz.
> >
> > I was a professional software engineer for many years. I might be willing to take on the task, but I have no experience with IOS. Do you have any idea how much effort a port might be? How long did it take you to go from Windows to Android?
> >
> > It might just be better to buy an Android unit.
> >
> > 73,

> >
> > David WA0PND / HS0ZLG
> >
> > --- In foxdelta@yahoogroups.com, "i2tzktony" <i2tzk@> wrote:
> > >
> > > Hi David
> > >
> > > Frequency upper limit can be changed from the SetUp menu, default value is 35MHz.
> > > Sorry actually no plan to develop iPad version.
> > > Anybody wants to implement Linux or Apple application for SWRA please contact me for technical details.
> > >
> > > 73's Tony
> > >
> > > --- In foxdelta@yahoogroups.com, "David Halbakken" <earlytorise@> wrote:
> > > >
> > > > Thank you! The one bug I noticed is that clicking the "Full" scan button only sets the upper limit to 35 MHz.
> > > >
> > > > Will you release software to run on the iPad with Bluetooth?
> > > >
> > > > David
> > > >
> > > > --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@> wrote:
> > > > >
> > > > > Hello
> > > > >
> > > > > Some news for AAZ-0912 users:
> > > > >
> > > > > 1.
> > > > > Now you can update AAZ-0912 to V5.00 FW. This requires that you also run V5.00 PC Software.
> > > > >
> > > > > FW and SW may be downloaded from Tony's website or from AAZ-0713 webpage at: http://www.foxdelta.com/products/aaz-0713.htm
> > > > >
> > > > > 2.
> > > > > AAZ-0912 at 50MHZ:
> > > > >
> > > > > AAZ-0912 DDS can go to 50MHZ any beyond (with 125MHZ clock, its should work well to 60MHZ). In most units tested, it goes to 55 or 60MHZ without problem. To get this upper limit, go to setup and set upper frequency at 50.000MHZ. Save setup and its ready for scanning from 1 to 50MHZ.
> > > > >
> > > > > 3.
> > > > > A small bluetooth adapter is completed and tested and project/kits will be available soon. All you have to do is: connect your USB cable to this board instead of your PC. (And supply +12V to this adapter board)This will make AAZ-0912 a standalone smartphone version.
> > > > >

> > > > > To use Graphic LCD/CPU or Bluetooth adapter, its required that you update fw in your AAZ-0912/0713 to V5.00
> > > > >
> > > > > 73s/Dinesh Gajjar
> > > > >
> > > >
> > >
> >
>

647. aaz-0912 higher frequency

Yahoo group: foxdelta
Date: 2013-08-10 09:58:06 UTC
From: Kees
Topic: 647 Message: 647

Is it possible to get higher frequency by using seperate reflection bridge?

Kees PA5CW

648. Re: aaz-0912 higher frequency

Yahoo group: foxdelta
Date: 2013-08-10 10:45:58 UTC
From: foxdelta
Topic: 647 Message: 648

Hello Kees

For higher than 50MHZ requires that we have VHF grade DDS and make few changes to RL bridge layout/design.

However, you may explore some of the possibilities:

Remove RL bridge resistors and take out DDS RF to a BNC socket
Use a choice of new bridge
Feed bridge return to AD8307.

You may use AD9851 to increase frequency.
Present 9850 may go to 55 or 60MHZ.
Beyond that, we need to redesign a new DDS which goes from HF to VHF/UHF.

DDS output may not be strong enough for some type of RL Bridge (like two hole toroid etc) and may need extra amplification (Add an ERA3 type of amp, perhaps)

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "Kees" <pa5cw@...> wrote:
>
> Is it possible to get higher frequency by using seperate reflection bridge?
>
> Kees PA5CW
>

649. Re: aaz-0912 higher frequency

Yahoo group: foxdelta
Date: 2013-08-10 11:18:48 UTC
From: Kees
Topic: 647 Message: 649

Ok Dinesh,
I thought that would be the solution, I will do some experiments.

Namasté

73 Kees PA5CW

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
>
>
>
> Hello Kees
>
> For higher than 50MHZ requires that we have VHF grade DDS and make few changes to RL bridge layout/design.
>
> However, you may explore some of the possibilities:
>
> Remove RL bridge resistors and take out DDS RF to a BNC socket
> Use a choice of new bridge
> Feed bridge return to AD8307.
>
> You may use AD9851 to increase frequency.
> Present 9850 may go to 55 or 60MHZ.
> Beyond that, we need to redesign a new DDS which goes from HF to VHF/UHF.
>
> DDS output may not be strong enough for some type of RL Bridge (like two hole toroid etc) and may need extra amplification (Add an ERA3 type of amp, perhaps)
>
>
> 73s/Dinesh Gajjar
>
>
>
>
>
> --- In foxdelta@yahoogroups.com, "Kees" <pa5cw@> wrote:
> >
> > Is it possible to get higher frequency by using seperate reflection bridge?
> >
> > Kees PA5CW
> >
>

650. Bluetooth Interface for AAZ-0912/0713 Antenna Analyzers

Yahoo group: foxdelta
Date: 2013-08-15 15:06:57 UTC
From: foxdelta
Topic: 650 Message: 650

Hello

A small, 5x5cm interface, is tested and works well for putting up AAZ-0912/0713 antenna analyzer data on Bluetooth.

Bluetooth apps is developed by Tony/I2TZK for Android Smart Phones and final version will be released soon.

With this interface, radio amateurs who own AAZ-0912 antenna analyzer, can get analyzed data on their Smart phone instead of using a PC.

Please visit project page at:
http://www.foxdelta.com/products/aaz-bt-0813.htm

Project uses Bluetooth modules readily available on ebay.com for couple of dollars.

73s/Dinesh Gajjar

651. AZ-BT0813 bluetooth board current requirement?

Yahoo group: foxdelta
Date: 2013-08-15 16:35:27 UTC
From: Dennis
Topic: 640 Message: 651

How much current at 9-12 V does the AAZ-BT0813 bluetooth board require when connected to the antenna analyzer?

Dennis - N4NR

652. Re: AZ-BT0813 bluetooth board current requirement?

Yahoo group: foxdelta
Date: 2013-08-15 17:18:46 UTC
From: i2tzktony
Topic: 640 Message: 652

Hi Dennis
the BT module current requirement is max 50mA during the pairing time then it drop down to abt 10mA.
AAZ0612 current is abt 200mA mainly depending from the ADA polarization.
You should considere to use a 1000mA battery having an average capacity of at least 250mA .
73s Tony

--- In foxdelta@yahoogroups.com, "Dennis" <ddease@...> wrote:
>
> How much current at 9-12 V does the AAZ-BT0813 bluetooth board require when connected to the antenna analyzer?
>
> ---
> Dennis - N4NR
>

653. 2013 Huntsville Hamfest

Yahoo group: foxdelta
Date: 2013-08-16 00:47:58 UTC
From: foxdelta
Topic: 653 Message: 653

It's time for the 2013 Huntsville Hamfest!!

Please join us during our live, online broadcast of the Huntsville Hamfest this weekend. (Aug 17 and 18th)

To join the broadcast go to http://W5KUB.com where the fun begins! During the Huntsville Hamfest W5KUB will interview vendors regarding their latest products, and broadcast the announcement of the Young Ham of the Year. We will also have special guests like Martin F. Jue (K5FLU), founder of MFJ Enterprises; Charlie Emerson (N4OKL) representing Huntsville Hamfest; and many others. During the live broadcast, you will also have the opportunity to meet and chat with other ham radio operators from all over the world. During the 2013 Dayton Hamvention we had over 40,000 viewers!

You could be the winner of one of 23 prizes which will be awarded during the broadcast! These prizes are made possible because of our relationship with partners such as GigaParts, Huntsville Hamfest Prize Committee, ICOM, Ten-Tec, NCG Company, Kantronics, MP Antenna, ARRL, MFJ, and individual hams which have donated prizes. In the past year over $10,000 in prizes have been awarded! Of course, no purchase is necessary to win a prize. W5KUB is not affiliated with any products or companies and does not sell any products or services.

Huntsville Hamfest broadcast hours:
· Friday, August 16: 1400 UTC (9:00 AM CT) This is set-up time and we will have a live stream going most of the day showing that activity
· Saturday, August 17: 1400 UTC - 2130 UTC (9:00 AM - 4:30 PM CT) Huntsville Hamfest
· Sunday, August 18: 1400 UTC - 2000 UTC (9:00 AM - 3:00 PM CT) Huntsville Hamfest
· Sunday, August 18: 2000 UTC (3:00 PM CT) drive from Huntsville to Memphis (4 hrs) watch us stream the 4 hour drive. Might even have prizes.

Please join our group on Facebook at https://www.facebook.com/groups/w5kub/ to keep up with us year-round.

Also, please help spread the word by posting this announcement in Facebook and forwarding this message to your ham radio friends that may not have received this message!

We'll 'see' you in Huntsville!

73
Tom Medlin, W5KUB
http://w5kub.com

654. RE: [foxdelta] Re: AZ-BT0813 bluetooth board current requirement?

Yahoo group: foxdelta
Date: 2013-08-16 04:46:15 UTC
From: tom armour
Topic: 640 Message: 654

I'm using a radio shack 8 AA battery holder for my BT adapter (Catalog #: 270-407) cots $3, but it was on the shelf of the local store.
For reference, right now I have about 4-5 hours on it and it is still at 11.5v. I am thinking I will get better than 15 hours out of the 8 batteries, but we will see. I did have to put a small heat sink on my 7805 on my breadboard construction of the schematic.
Tom - wa4ta

To: foxdelta@yahoogroups.com
From: i2tzk@...
Date: Thu, 15 Aug 2013 17:18:46 +0000
Subject: [foxdelta] Re: AZ-BT0813 bluetooth board current requirement?

Hi Dennis

the BT module current requirement is max 50mA during the pairing time then it drop down to abt 10mA.

AAZ0612 current is abt 200mA mainly depending from the ADA polarization.

You should considere to use a 1000mA battery having an average capacity of at least 250mA .

73s Tony

--- In foxdelta@yahoogroups.com, "Dennis" <ddease@...> wrote:

>

> How much current at 9-12 V does the AAZ-BT0813 bluetooth board require when connected to the antenna analyzer?

>

> ---

> Dennis - N4NR

>

655. SWM4 INTERFACE

Yahoo group: foxdelta
Date: 2013-08-16 05:24:06 UTC
From: foxdelta
Topic: 655 Message: 655

Hello

An interface which accepts present HF/VHF bridges (in use with SWM3 Project CPU) and ability to accept digital (I2C) bridges for Project "INFINITY" GCPU-0613 is ready. Project is listed at:

http://www.foxdelta.com/products/swm4.htm

73s/Dinesh Gajjar

656. Re: Bluetooth Interface for AAZ-0912/0713 Antenna Analyzers

Yahoo group: foxdelta
Date: 2013-08-16 07:52:33 UTC
From: Michiel
Topic: 650 Message: 656

Great, i just order one.
Thanks for this nice piece of hardware.

73, Michiel

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
> Hello
>
> A small, 5x5cm interface, is tested and works well for putting up AAZ-0912/0713 antenna analyzer data on Bluetooth.
>
> Bluetooth apps is developed by Tony/I2TZK for Android Smart Phones and final version will be released soon.
>
> With this interface, radio amateurs who own AAZ-0912 antenna analyzer, can get analyzed data on their Smart phone instead of using a PC.
>
> Please visit project page at:
> http://www.foxdelta.com/products/aaz-bt-0813.htm
>
> Project uses Bluetooth modules readily available on ebay.com for couple of dollars.
>
> 73s/Dinesh Gajjar
>

657. aaz-0713 not working

Yahoo group: foxdelta
Date: 2013-08-17 15:21:24 UTC
From: Kees
Topic: 657 Message: 657

I received the AAZ-0713 today.

20 MHz osc works, I get 10 MHz at the output, all the voltages are ok.

But the led does not light and I get on the PC: "Unknown device".

In some blogs I see that the led only lights when the drivers are installed, in the documentation says that the led should light if the PIC recognizes the DDS.

The jumpers are OK and I have checked the PCB for shortcuts.

Ihave a USB scope/Spectrum analyser to 21 MHz to check, is there anything else I can check?
Kees PA5CW

658. Re: aaz-0713 not working

Yahoo group: foxdelta
Date: 2013-08-18 04:14:19 UTC
From: foxdelta
Topic: 657 Message: 658

Hello Kees

You have not referred to what OS you have and if OS has been updated with latest dotnet frame work from Microsoft?

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "Kees" <pa5cw@...> wrote:
>
> I received the AAZ-0713 today.
>
> 20 MHz osc works, I get 10 MHz at the output, all the voltages are ok.
>
> But the led does not light and I get on the PC: "Unknown device".
>
> In some blogs I see that the led only lights when the drivers are installed, in the documentation says that the led should light if the PIC recognizes the DDS.
>
> The jumpers are OK and I have checked the PCB for shortcuts.
>
> Ihave a USB scope/Spectrum analyser to 21 MHz to check, is there anything else I can check?
> Kees PA5CW
>

659. Re: aaz-0713 not working

Yahoo group: foxdelta
Date: 2013-08-18 11:30:17 UTC
From: Kees
Topic: 657 Message: 659

I Use Windows Vista Home Premiun and on other pc I use Windows 7 Home premium.
Both pc's are updated with the newest dotnet versions.
I have updated firmware from version 4.0 to 5.0, with PIC programmer, this made no difference either.

Kees
--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
> Hello Kees
>
> You have not referred to what OS you have and if OS has been updated with latest dotnet frame work from Microsoft?
>
> 73s/Dinesh Gajjar
>
>
> --- In foxdelta@yahoogroups.com, "Kees" <pa5cw@> wrote:
> >
> > I received the AAZ-0713 today.
> >
> > 20 MHz osc works, I get 10 MHz at the output, all the voltages are ok.
> >
> > But the led does not light and I get on the PC: "Unknown device".
> >
> > In some blogs I see that the led only lights when the drivers are installed, in the documentation says that the led should light if the PIC recognizes the DDS.
> >
> > The jumpers are OK and I have checked the PCB for shortcuts.
> >
> > Ihave a USB scope/Spectrum analyser to 21 MHz to check, is there anything else I can check?
> > Kees PA5CW
> >
>

660. Re: aaz-0713 not working

Yahoo group: foxdelta
Date: 2013-08-18 11:36:47 UTC
From: foxdelta
Topic: 657 Message: 660

Hello

Please also try different USB Port of your PC. Some USB port simply do not work well.

I also sent you a mail asking to check to USB communication lines. Check if traces are good from socket to PIC pins.

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, "Kees" <pa5cw@...> wrote:
>
> I Use Windows Vista Home Premiun and on other pc I use Windows 7 Home premium.
> Both pc's are updated with the newest dotnet versions.
> I have updated firmware from version 4.0 to 5.0, with PIC programmer, this made no difference either.
>
> Kees
> --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@> wrote:
> >
> >
> >
> > Hello Kees
> >
> > You have not referred to what OS you have and if OS has been updated with latest dotnet frame work from Microsoft?
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> > 73s/Dinesh Gajjar
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> > --- In foxdelta@yahoogroups.com, "Kees" <pa5cw@> wrote:
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> > > I received the AAZ-0713 today.
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> > > The jumpers are OK and I have checked the PCB for shortcuts.
> > >
> > > Ihave a USB scope/Spectrum analyser to 21 MHz to check, is there anything else I can check?
> > > Kees PA5CW
> > >

> >
>

661. Re: aaz-0713 not working

Yahoo group: foxdelta
Date: 2013-08-21 05:55:02 UTC
From: Kees
Topic: 657 Message: 661

Problem solved not enough power on USB port.

On old laptop it worked, not on 2 other pc's.

Kees

--- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@...> wrote:
>
>
>
> Hello
>
> Please also try different USB Port of your PC. Some USB port simply do not work well.
>
> I also sent you a mail asking to check to USB communication lines. Check if traces are good from socket to PIC pins.
>
> 73s/Dinesh Gajjar
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>
> --- In foxdelta@yahoogroups.com, "Kees" <pa5cw@> wrote:
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> > I Use Windows Vista Home Premiun and on other pc I use Windows 7 Home premium.
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> > Kees
> > --- In foxdelta@yahoogroups.com, "foxdelta" <vu2fd@> wrote:
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> > > Hello Kees
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> > > You have not referred to what OS you have and if OS has been updated with latest dotnet frame work from Microsoft?
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> > > > But the led does not light and I get on the PC: "Unknown device".
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> > > >
> > > > Ihave a USB scope/Spectrum analyser to 21 MHz to check, is there anything else I can check?
> > > > Kees PA5CW
> > > >
> > >
> >
>

662. SWR on Android with USB

Yahoo group: foxdelta
Date: 2013-08-21 05:57:36 UTC
From: Kees
Topic: 662 Message: 662

Is it possible to change the App so that you can use USB on Smartphone?

I also have RTL DVB stick that works with special USB cable on S4..
If I connect AAZ-0713 to Samsung S4, the led lights, so I think enough power available and more easy then Bluetooth on Smartphone.

Kees

663. Graphic LCD/CPU Extension Board

Yahoo group: foxdelta
Date: 2013-08-25 04:21:42 UTC
From: <vu2fd@...>
Topic: 663 Message: 663

Hello

A small Interface board Project for Garphic CPU/LCD is published. This board provides 8 Relay output and one I2C Interface for HF/VHF Bridges.

Board will only work for Graphic CPU Project with Relay out on FW and/or Software.

Please Visit:

http://www.foxdelta.com/products/gcpu-ext.htm

73s/Dinesh Gajjar

664. AAZ-0713 Bluetooth

Yahoo group: foxdelta
Date: 2013-08-25 14:44:34 UTC
From: Kees
Topic: 664 Message: 664

I have made a bluetooth module with the AAZ-0713 according to the diagram of VU2FD.

The module is mounted on a piece of PCB, I used the RS232 connector for mounting the parts.

The module fist into the standard case, but it is better to use a larger case and include rechargable batteries in the case.

73 Kees PA5CW

665. New Poll

Yahoo group: foxdelta
Date: 2013-08-26 04:54:53 UTC
From: foxdelta-owner@yahoogroups.com
Topic: 665 Message: 665

Hello
I have created a poll to know what type of RF Connector is best for new bluetooth antenna analyzer design in progress.
Kindly spend few minutes to give your feed back
73s/Dinesh Gajjar

666. Re: New Poll

Yahoo group: foxdelta
Date: 2013-08-26 11:21:45 UTC
From: Howard
Topic: 665 Message: 666

Dinesh,

I don't have the device(s) you are targetting, but may I add my opinion to the subject?

You propose the SO239 - this should *never* be used for frequencies like Bluetooth - it isn't designed for them by a long way! It's also big and clumsy... if you want something big the N type is the one to go for.

You didn't include any of the more modern connectors, such as SMA - this IS designed for use up into the GHz regions, it's small and easy to use (and easy to find connectors and adaptors - and cheap).

There are other possibilities (TNC, SMB, SMC, MCX, MMCX etc) but they're either more difficult to find, more difficult to use, more expensive, or all of these!

Cheers,
Howard G1BYY

667. RE: New Poll

Yahoo group: foxdelta
Date: 2013-08-26 12:29:15 UTC
From: <vu2fd@...>
Topic: 665 Message: 667

Thank you Howard

I think my point is misunderstood.
I am making anew antenna analyzer which will transmit analyzed data on bluetooth to a smartphone.
Measurement of RF is ANTENNA in HF to 50MHZ region.

Means, analyzer will be at antenna measure point and people will look at their smartphone for analyzer results.

What I want to know is, which is best connector (for a user) at analyzer which will connect to antenna for measurement?

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, <hdrw_yh@hibernaculum.org.uk> wrote:

Dinesh,

I don't have the device(s) you are targetting, but may I add my opinion to the subject?

You propose the SO239 - this should *never* be used for frequencies like Bluetooth - it isn't designed for them by a long way! It's also big and clumsy... if you want something big the N type is the one to go for.

You didn't include any of the more modern connectors, such as SMA - this IS designed for use up into the GHz regions, it's small and easy to use (and easy to find connectors and adaptors - and cheap).

There are other possibilities (TNC, SMB, SMC, MCX, MMCX etc) but they're either more difficult to find, more difficult to use, more expensive, or all of these!

Cheers,
Howard G1BYY

668. Re: New Poll

Yahoo group: foxdelta
Date: 2013-08-26 13:31:40 UTC
From: Howard
Topic: 665 Message: 668

Sorry Dinesh, you're right, I did misunderstand that you meant an antenna for the Bluetooth transmitter!

My vote for BNC stands though, as it's faster to connect/disconnect which makes sense for any test instrument.

Cheers,

Howard G1BYY

669. RE: [foxdelta] Re: New Poll

Yahoo group: foxdelta
Date: 2013-08-26 12:44:30 UTC
From: tom armour
Topic: 665 Message: 669

The SO-239 is for 1MHz -35MHz not Bluetooth frequencies.
Bluetooth is for displaying the results of the analyzer on an Android device.
I personally prefer the BNC like it has now for ease of making the connection, no threads to cross. You might consider including a BNC to SO-239 adapter in the kit, but if someone is building this kit they will probably already have the adapters around.
Tom - wa4ta

From: hdrw_yh@...
To: foxdelta@yahoogroups.com
Date: Mon, 26 Aug 2013 11:21:45 +0000
Subject: [foxdelta] Re: New Poll

Dinesh,

I don't have the device(s) you are targetting, but may I add my opinion to the subject?

You propose the SO239 - this should *never* be used for frequencies like Bluetooth - it isn't designed for them by a long way! It's also big and clumsy... if you want something big the N type is the one to go for.

You didn't include any of the more modern connectors, such as SMA - this IS designed for use up into the GHz regions, it's small and easy to use (and easy to find connectors and adaptors - and cheap).

There are other possibilities (TNC, SMB, SMC, MCX, MMCX etc) but they're either more difficult to find, more difficult to use, more expensive, or all of these!

Cheers,

Howard G1BYY

670. Re: [foxdelta] RE: New Poll

Yahoo group: foxdelta
Date: 2013-08-26 13:39:29 UTC
From: David Christ
Topic: 665 Message: 670

The most obvious choice for this device is BNC. Good characteristics through the proposed frequency range - better than SO-239. Bayonet style is easy to connect and disconnect. Most people are used to BNC. Adaptors to everything else are readily available. Relatively rugged physically.

So, BNC first, N second and UHF a distant third.

David K0LUM

On Aug 26, 2013, at 7:29 AM, <vu2fd@...> <vu2fd@...> wrote:

>
> Thank you Howard
>
>
>
> I think my point is misunderstood.
>
> I am making anew antenna analyzer which will transmit analyzed data on bluetooth to a smartphone.
>
> Measurement of RF is ANTENNA in HF to 50MHZ region.
>
>
>
> Means, analyzer will be at antenna measure point and people will look at their smartphone for analyzer results.
>
>
>
> What I want to know is, which is best connector (for a user) at analyzer which will connect to antenna for measurement?
>
>
>
> 73s/Dinesh Gajjar
>
>
>
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>
>
> --- In foxdelta@yahoogroups.com, <hdrw_yh@...> wrote:

>
> Dinesh,
>
> I don't have the device(s) you are targetting, but may I add my opinion to the subject?
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> You propose the SO239 - this should *never* be used for frequencies like Bluetooth - it isn't designed for them by a long way! It's also big and clumsy... if you want something big the N type is the one to go for.
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>
> There are other possibilities (TNC, SMB, SMC, MCX, MMCX etc) but they're either more difficult to find, more difficult to use, more expensive, or all of these!
>
> Cheers,
> Howard G1BYY
>
>

671. Connector for Analyzer

Yahoo group: foxdelta
Date: 2013-08-26 15:40:46 UTC
From: <vu2fd@...>
Topic: 671 Message: 671

Thank you for your suggestion.
I think BNC is what everybody like (me too) and I will continue with it.

73s/Dinesh Gajjar

672. Re: New Poll

Yahoo group: foxdelta
Date: 2013-08-27 02:42:51 UTC
From: John Payne
Topic: 665 Message: 672

BNC would be my choice, most common connector on test equipment and good from DC to daylight.

W4CWZ

673. Re: New Poll

Yahoo group: foxdelta
Date: 2013-08-27 12:02:16 UTC
From: Dennis
Topic: 665 Message: 673

I think BNC would offer a combination of excellent performance, availability and affordability for the majority of users in the HF/VHF frequencies. If a micro-mini connector became necessary because of project case size accommodations, then I would suggest the kit include a pigtail from the micro-mini connector used to BNC. It would likely be difficult for many users to find parts and to build a pigtail.

Dennis N4NR

674. Re: New Poll

Yahoo group: foxdelta
Date: 2013-08-28 08:45:28 UTC
From: Frans Lowiessne
Topic: 665 Message: 674

Hello,

BNC would be my choice
But look for a decent PTFE goldplated or silverplated connector with good specs

73 Frans PE0F

675. RE: New Poll

Yahoo group: foxdelta
Date: 2013-08-28 09:44:23 UTC
From: <vu2fd@...>
Topic: 665 Message: 675

Thank you Frans
Will try to get one better than what I use.
73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, <lowiess@planet.nl> wrote:

Hello,

BNC would be my choice
But look for a decent PTFE goldplated or silverplated connector with good specs

73 Frans PE0F

676. VHF Bridge

Yahoo group: foxdelta
Date: 2013-08-28 14:09:17 UTC
From: edventure8946
Topic: 676 Message: 676

I noticed that on the RF Measurement page that the VHF Bridge (the one that had said under re-development) is not listed. Will it soon be available?? I have 2 SWM3's that are in need of it. Thank you.

73,
Ed

677. RE: VHF Bridge

Yahoo group: foxdelta
Date: 2013-08-29 03:10:31 UTC
From: <vu2fd@...>
Topic: 676 Message: 677

Hello Ed

Have completed new HF/VHF bridge which uses 2XAD8307 and balanced trans(dual hole core)
May take some time as need to be tested. Want to ensure that we are happy with results!

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, <kk4pfq@arrl.net> wrote:

I noticed that on the RF Measurement page that the VHF Bridge (the one that had said under re-development) is not listed. Will it soon be available?? I have 2 SWM3's that are in need of it. Thank you.

73,
Ed

678. Re: VHF Bridge

Yahoo group: foxdelta
Date: 2013-08-29 11:26:39 UTC
From: edventure8946
Topic: 676 Message: 678

Thanks Dinesh, I'll check back from time to time.

73,
Ed

679. SWRAnalyzer v5.03

Yahoo group: foxdelta
Date: 2013-09-08 08:11:02 UTC
From: <i2tzk@...>
Topic: 679 Message: 679

Hi All
on my web site is published the new version 5.03 of the Windows SWR Analyzer preogram.
Here: http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=7:swr-analyzer

This version add new features:
- Bluetooth driver (wireless communication to SWRA board)
- Improve csv export file
- Power saving
- Automatic clear table

Please have a look to "What's new doc".
SWRA unit f/w MUST update to v5.02 to work with.

73's Tony, i2tzk

680. FD-SPP

Yahoo group: foxdelta
Date: 2013-09-09 00:23:37 UTC
From: <kg6yum@...>
Topic: 680 Message: 680

Hi everyone. I just finished up with building this project. It seems that the power side works but the RX/TX and VPP/VDD does not, however the software by OshonSoft says that the chip is loaded. I am not confident, since there was no indication from the LED's that the chip was receiving the information, that the chip was loaded even though the software program said it was. Has anyone had this problem before? Is there a cure? OH! All the voltages are correct and at the correct location. Any help would deeply be appreciated.
Thanks and 73's.
Carolyn

681. Fox Delta emails bouncing

Yahoo group: foxdelta
Date: 2013-09-11 03:32:36 UTC
From: <va3mw@...>
Topic: 681 Message: 681

Hi

I have tried to email esales@foxdelta.com but it seems to bouncing. Is that a valid address for Fox Delta?

Mike va3mw

682. RE: Fox Delta emails bouncing

Yahoo group: foxdelta
Date: 2013-09-11 05:03:49 UTC
From: <vu2fd@...>
Topic: 681 Message: 682

Hello Mike
Yes, esales@foxdelta.com and vu2fd@foxdelta.com are valid & active emails.
May be mail box reached a limit at the moment you tried to send email. This happened because someone sent 50MB of pictures.

Please send again and check. Alternative is also vu2fd@yahoo.com

73s/Dinesh Gajjar

--- In foxdelta@yahoogroups.com, <va3mw@portcredit.net> wrote:

Hi

I have tried to email esales@foxdelta.com but it seems to bouncing. Is that a valid address for Fox Delta?

Mike va3mw

683. SWRA Android User Manual

Yahoo group: foxdelta
Date: 2013-09-14 13:41:37 UTC
From: <i2tzk@...>
Topic: 683 Message: 683

Hi All
new SWRA User Manual Android v1.03 has been published here:

http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=7:swr-analyzer

73's Tony

684. RE: SWRA Android User Manual

Yahoo group: foxdelta
Date: 2013-09-15 08:52:49 UTC
From: <pa5cw@...>
Topic: 683 Message: 684

Hi Tony,

With the Samsung S4 V4.2.2 I don't see characters on the display if I use the keyboard to enter the freqiuency.

I also tried to set frequency for custom bands, but that also did not work.

Kees PA5CW

--- In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Hi All
new SWRA User Manual Android v1.03 has been published here:

http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=7:swr-analyzer

73's Tony

685. Antenna Analyzer AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-06 17:22:10 UTC
From: Bill Smith
Topic: 685 Message: 685
Attachments: 1 described; binary payloads are missing from this source WARC

Can the Antenna Analyzer AAZ-0713A be used to check/adjust Ham amplifier tuned inputs? I would also like to use it to find the optimum coil taps when setting up Ham amplifier Tank circuits. I'm not familiar with the software so I don't know what it's capabilities are when used with a computer.

I have attached the procedure I use. Any suggestions are most welcomed!!

Thanks and 73,
Bill Smith KO4NR

686. Re: [foxdelta] Antenna Analyzer AAZ-0713A [1 Attachment]

Yahoo group: foxdelta
Date: 2013-10-06 23:32:03 UTC
From: Jan Servaites
Topic: 685 Message: 686

Oh yes, I use mine all the time to check Pi nets. I also made a variable Pi net circuit device to find C1 & C2 values for the Pi net input circuits to my amp building.
What is its best feature in the signal generator and real time SWR measurement. It makes tuning the Pi nets really effective & quick.
Jan N8CBX
I can't read docx files, maybe resend it as an old doc file

Bill Smith wrote:

Can the Antenna Analyzer AAZ-0713A be used to check/adjust Ham amplifier tuned inputs? I would also like to use it to find the optimum coil taps when setting up Ham amplifier Tank circuits. I'm not familiar with the software so I don't know what it's capabilities are when used with a computer.

I have attached the procedure I use. Any suggestions are most welcomed!!

Thanks and 73,

Bill Smith KO4NR

687. Re: [foxdelta] Antenna Analyzer AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-07 02:08:25 UTC
From: Bill Smith
Topic: 685 Message: 687
Attachments: 1 described; binary payloads are missing from this source WARC

Try this one in the .doc format.

73,
Bill

From: Jan Servaites <jservaites@...>

To: foxdelta@yahoogroups.com
Sent: Sunday, October 6, 2013 6:32 PM
Subject: Re: [foxdelta] Antenna Analyzer AAZ-0713A

Oh yes, I use mine all the time to check Pi nets. I
also made a variable Pi net circuit device to find C1 & C2 values
for the Pi net input circuits to my amp building.
What is its best feature in the signal generator and real time SWR
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>
>
>I have attached the procedure I use. Any suggestions are most
welcomed!!
>
>Thanks and 73,
>Bill Smith KO4NR
>

>

688. RE: [foxdelta] Antenna Analyzer AAZ-0713A [1 Attachment]

Yahoo group: foxdelta
Date: 2013-10-07 13:08:35 UTC
From: tom armour
Topic: 685 Message: 688

Yes it will do what you need it to do for tuning an amp or pi network.You might want to post the instructions you have in text or rich text as everyone may not have MS Word. Although I did load it onto skydrive and use Microsoft's online word editor to open it.

There are two modes, Sweep and Generator mode. You will probably use the Generator mode the most for this task.
You can tune it up in Generator mode for a specific frequency watching SWR in real time like Jan said. Then run a sweep on the whole band (or even a 1mhz-60 Mhz sweep) and get a nice graph. This can be helpful to adjust the tuned circuit for the frequency range you want.
You can either use it with a PC (USB powered) or Android device (if you add a battery and Bluetooth module to the AAZ).
73, Tom - wa4ta

From: ko4nrbs@...
To: foxdelta@yahoogroups.com
Date: Sun, 6 Oct 2013 19:08:25 -0700
Subject: Re: [foxdelta] Antenna Analyzer AAZ-0713A [1 Attachment]

[Attachment(s) from Bill Smith included below]

Try this one in the .doc format. 73,Bill
From: Jan Servaites <jservaites@...>
To: foxdelta@yahoogroups.com
Sent: Sunday, October 6, 2013 6:32 PM
Subject: Re: [foxdelta] Antenna Analyzer AAZ-0713A

Oh yes, I use mine all the time to check Pi nets. I
also made a variable Pi net circuit device to find C1 & C2 values
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I have attached the procedure I use. Any suggestions are most
welcomed!!

Thanks and 73,
Bill Smith KO4NR

689. Re: [foxdelta] Antenna Analyzer AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-07 18:51:33 UTC
From: Bill Smith
Topic: 685 Message: 689
Attachments: 1 described; binary payloads are missing from this source WARC

Here it is in Rich Text Format.
73,
Bill

From: tom armour <wa4ta@...>
To: foxdelta@yahoogroups.com
Sent: Monday, October 7, 2013 8:08 AM
Subject: RE: [foxdelta] Antenna Analyzer AAZ-0713A

Yes it will do what you need it to do for tuning an amp or pi network.
You might want to post the instructions you have in text or rich text as everyone may not have MS Word. Although I did load it onto skydrive and use Microsoft's online word editor to open it.

There are two modes, Sweep and Generator mode. You will probably use the Generator mode the most for this task.

You can tune it up in Generator mode for a specific frequency watching SWR in real time like Jan said. Then run a sweep on the whole band (or even a 1mhz-60 Mhz sweep) and get a nice graph. This can be helpful to adjust the tuned circuit for the frequency range you want.

You can either use it with a PC (USB powered) or Android device (if you add a battery and Bluetooth module to the AAZ).

73, Tom - wa4ta

From: ko4nrbs@...: foxdelta@yahoogroups.comDate: Sun, 6 Oct 2013 19:08:25 -0700Subject: Re: [foxdelta] Antenna Analyzer AAZ-0713A [1 Attachment]
[Attachment(s) from Bill Smith included below]
Try this one in the .doc format.

73,
Bill

From: Jan Servaites <jservaites@...>
To: foxdelta@yahoogroups.com
Sent: Sunday, October 6, 2013 6:32 PM
Subject: Re: [foxdelta] Antenna Analyzer AAZ-0713A

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>
>
>I have attached the procedure I use. Any suggestions are most
welcomed!!
>
>Thanks and 73,

>Bill Smith KO4NR
>
>

690. RE: Impedance measurements with AAZ-0912?

Yahoo group: foxdelta
Date: 2013-10-19 08:53:16 UTC
From: <benjamin.bear42@...>
Topic: 635 Message: 690

I second this request.

---In foxdelta@yahoogroups.com, <earlytorise@...> wrote:

My AAZ-0912 arrived yesterday. I think it offers great value for the money, and I am pleased with it.

It would be very useful to get impedance readings. Obviously, the unit cannot offer vector information, but it should be able to offer an impedance readout or plot.

Is Tony able to add that capability?

Dave

691. Re: [foxdelta] RE: Impedance measurements with AAZ-0912?

Yahoo group: foxdelta
Date: 2013-10-20 12:42:25 UTC
From: Graham
Topic: 635 Message: 691

Tony's antenna analyzer provides enough information already to get impedance measurements.

By taking a few readings and applying a bit of math you can get your answer. This document here will help:

http://www.wetterlin.org/sam/Reflection/RL_To_Impedance.pdf

A quick and easy way using the SWR can give an approximation - at 50 ohm the SWR should be 1:1. If the SWR is 2:1 then the impedance is either 25 or 100 ohms, 3:1 would be either 12.5 or 300 ohms, etc. That is a bit simplified but will get you in the ballpark.

You can also save the readings from a measurement into a csv (comma separated value) file and then further analyze the file using Excel or similar spread sheet program or for that matter manipulate and plot using gnuplot.

Sam Wetterlin has many interesting documents on his web site many of which support Scotty's Modular Spectrum Analyzer

http://www.wetterlin.org/sam/

cheers, Graham ve3gtc

On 13-10-19 08:53 AM, benjamin.bear42@... wrote:
>
>
> I second this request.
>
>
>
> ---In foxdelta@yahoogroups.com, <earlytorise@...> wrote:
>
> My AAZ-0912 arrived yesterday. I think it offers great value for the
> money, and I am pleased with it.
>
> It would be very useful to get impedance readings. Obviously, the unit
> cannot offer vector information, but it should be able to offer an
> impedance readout or plot.
>
> Is Tony able to add that capability?
>
> Dave
>

692. Re: [foxdelta] RE: Impedance measurements with AAZ-0912?

Yahoo group: foxdelta
Date: 2013-10-21 15:42:59 UTC
From: Gary Steckly
Topic: 635 Message: 692

Would it be feasible to somehow switch in some inductance (or capacitance) and depending how the SWR reacted, give you an idea of which direction your antenna was off?
On Oct 20, 2013 8:47 AM, "Graham" <planophore@...> wrote:

>
>
> Tony's antenna analyzer provides enough information already to get
> impedance measurements.
>
> By taking a few readings and applying a bit of math you can get your
> answer. This document here will help:
>
> http://www.wetterlin.org/sam/Reflection/RL_To_Impedance.pdf
>
> A quick and easy way using the SWR can give an approximation - at 50 ohm
> the SWR should be 1:1. If the SWR is 2:1 then the impedance is either 25 or
> 100 ohms, 3:1 would be either 12.5 or 300 ohms, etc. That is a bit
> simplified but will get you in the ballpark.
>
> You can also save the readings from a measurement into a csv (comma
> separated value) file and then further analyze the file using Excel or
> similar spread sheet program or for that matter manipulate and plot using
> gnuplot.
>
> Sam Wetterlin has many interesting documents on his web site many of which
> support Scotty's Modular Spectrum Analyzer
>
> http://www.wetterlin.org/sam/
>
> cheers, Graham ve3gtc
>
>
>
>
> On 13-10-19 08:53 AM, benjamin.bear42@... wrote:
>
> I second this request.
>
>
> ---In foxdelta@yahoogroups.com, <earlytorise@...> <earlytorise@...> wrote:
>
> My AAZ-0912 arrived yesterday. I think it offers great value for the
> money, and I am pleased with it.
>

> It would be very useful to get impedance readings. Obviously, the unit
> cannot offer vector information, but it should be able to offer an
> impedance readout or plot.
>
> Is Tony able to add that capability?
>
> Dave
>
>
>
>
>
>

693. Graphic CPU

Yahoo group: foxdelta
Date: 2013-10-21 17:26:48 UTC
From: <i2tzk@...>
Topic: 693 Message: 693

Hi Guys
this is to inform all of you interested in the Graphic CPU project, that a C language source code is avalable to be used as a starting point to write your own firmware.
The template can be downloaded from my website.
73's Tony

694. AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-22 00:36:40 UTC
From: <wm.gregory@...>
Topic: 694 Message: 694

Hello Dinesh and group,

My AAZ-0713A is not recognized by my computers and LED does not light. All voltages and frequency output check okay per instructions. Only jumpers are at H1 and USB Power. Windows XP and Windows 7 have latest .NET installed. No solder bridges or board problems found. Are bridges under sockets possible? Please advise.

73 Will KK4PCV

695. RE: AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-22 07:20:01 UTC
From: <pa5cw@...>
Topic: 694 Message: 695

Hi Will,

I had the same problem. Dinesh suggested to use another port, because not all ports can deliver enough current for the 0713.
Ik used 3 pc's, an old one with Windows7 was the only that worked. Then when the new firmware was out, it worked on all pc's again.

Do you have the newst firmware loaded (5.02)?

73 Kees PA5CW

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Hello Dinesh and group,

My AAZ-0713A is not recognized by my computers and LED does not light. All voltages and frequency output check okay per instructions. Only jumpers are at H1 and USB Power. Windows XP and Windows 7 have latest .NET installed. No solder bridges or board problems found. Are bridges under sockets possible? Please advise.

73 Will KK4PCV

696. RE: AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-22 07:29:44 UTC
From: <i2tzk@...>
Topic: 694 Message: 696

Hi Kees and Will
please remove R13 And R14 (if installed) then try again

73's Tony

---In foxdelta@yahoogroups.com, <pa5cw@wiegers.nu> wrote:

Hi Will,

I had the same problem. Dinesh suggested to use another port, because not all ports can deliver enough current for the 0713.
Ik used 3 pc's, an old one with Windows7 was the only that worked. Then when the new firmware was out, it worked on all pc's again.

Do you have the newst firmware loaded (5.02)?

73 Kees PA5CW

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73 Will KK4PCV

697. AAZ-0713/0713A Communication

Yahoo group: foxdelta
Date: 2013-10-22 08:15:17 UTC
From: <vu2fd@...>
Topic: 697 Message: 697

Hello

Noted few communication problem that AAZ-0713 kit builders have faced.

Please do following:

1. Update to latest dotnet frame work from Microsoft. This is very important for XP

2. Alan / ZL2TSQ suggested to download a patch called USBdetect.exe from microsoft. This have solved problem for many.

3. Remove (do not install in new assembly) R13 and R14. These resistors are provided for those who want to experiment their own add-on hardware. Not required for USB, BT or GCPU, As GCPU and BT interface, both, has these resistors built-in.

99% of AAZ-0713 related communication problems will be solved with implementation of either or all of the 3 points.

73s/Dinesh Gajjar

698. RE: AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-22 22:30:19 UTC
From: <wm.gregory@...>
Topic: 694 Message: 698

Hi Tony and Kees,

Thank you both for the reply. No, I didn't try the new firmware because the computer(s) could not recognize the analyzer. I did, however, have success with Tony's suggestion. I removed R13 and R14 and everything works well with Windows XP and 7. Now I will load the new firmware for sure. Thanks again for your help. I am off to analyze my antennas!

73 Will KK4PCV

---In foxdelta@yahoogroups.com, <pa5cw@...> wrote:

Hi Will,

I had the same problem. Dinesh suggested to use another port, because not all ports can deliver enough current for the 0713.
Ik used 3 pc's, an old one with Windows7 was the only that worked. Then when the new firmware was out, it worked on all pc's again.

Do you have the newst firmware loaded (5.02)?

73 Kees PA5CW

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Hello Dinesh and group,

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73 Will KK4PCV

699. Re: [foxdelta] RE: Impedance measurements with AAZ-0912?

Yahoo group: foxdelta
Date: 2013-10-22 22:36:41 UTC
From: Graham
Topic: 635 Message: 699

Indeed. That is the basis of use a return loss bridge to determine impedance as described in Sam Wetterlin's document:

http://www.wetterlin.org/sam/Reflection/RL_To_Impedance.pdf

He starts by taking a measurement and then adding a small resistance and then either a small capacitance or inductance, each in turn is used to add to his solution reduce the ambiguties to determine correct value.

The antenna analyzer software provides the measure of return loss either on the SWR or Multiscan tabs along the left hand column (in dB) or on the generator tab where the test frequency is set on the left (i.e. Start Frequency) and the top box displays SWR and the lower box return loss in dB.

check out Sam's web site. there are many good articles on return loss bridges and a companion spreadsheet to go along with the above noted RL to Impedance article.

cheers, Graham ve3gtc

On 13-10-21 03:42 PM, Gary Steckly wrote:
>
>
> Would it be feasible to somehow switch in some inductance (or
> capacitance) and depending how the SWR reacted, give you an idea of
> which direction your antenna was off?
>
> On Oct 20, 2013 8:47 AM, "Graham" <planophore@...
> <mailto:planophore@...>> wrote:
>
>
>
> Tony's antenna analyzer provides enough information already to get
> impedance measurements.
>
> By taking a few readings and applying a bit of math you can get
> your answer. This document here will help:
>
> http://www.wetterlin.org/sam/Reflection/RL_To_Impedance.pdf
>
> A quick and easy way using the SWR can give an approximation - at
> 50 ohm the SWR should be 1:1. If the SWR is 2:1 then the impedance
> is either 25 or 100 ohms, 3:1 would be either 12.5 or 300 ohms,
> etc. That is a bit simplified but will get you in the ballpark.
>

> You can also save the readings from a measurement into a csv
> (comma separated value) file and then further analyze the file
> using Excel or similar spread sheet program or for that matter
> manipulate and plot using gnuplot.
>
> Sam Wetterlin has many interesting documents on his web site many
> of which support Scotty's Modular Spectrum Analyzer
>
> http://www.wetterlin.org/sam/
>
> cheers, Graham ve3gtc
>
>
>
>
> On 13-10-19 08 <tel:13-10-19%2008>:53 AM,
> benjamin.bear42@... <mailto:benjamin.bear42@...> wrote:
>>
>> I second this request.
>>
>>
>>
>> ---In foxdelta@yahoogroups.com <mailto:foxdelta@yahoogroups.com>,
>> <earlytorise@...> <mailto:earlytorise@...> wrote:
>>
>> My AAZ-0912 arrived yesterday. I think it offers great value for
>> the money, and I am pleased with it.
>>
>> It would be very useful to get impedance readings. Obviously, the
>> unit cannot offer vector information, but it should be able to
>> offer an impedance readout or plot.
>>
>> Is Tony able to add that capability?
>>
>> Dave
>>
>
>

700. RE: AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-22 23:05:24 UTC
From: <ve3jpu@...>
Topic: 694 Message: 700

Hello to the group

I am having same problem. I am running XP. I'm just wondering what the most up to date version of .net there is. I down loaded version 4. My unit does work as I have tested it with another member of our club that ordered these units and he is running windows 8. Among our group the people with problems are the ones running XP & windows 7

Randy VE3JPU

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Hello Dinesh and group,

My AAZ-0713A is not recognized by my computers and LED does not light. All voltages and frequency output check okay per instructions. Only jumpers are at H1 and USB Power. Windows XP and Windows 7 have latest .NET installed. No solder bridges or board problems found. Are bridges under sockets possible? Please advise.

73 Will KK4PCV

701. RE: AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-23 04:12:41 UTC
From: <wm.gregory@...>
Topic: 694 Message: 701

Randy I used the latest versions available at the Microsoft website as of 10/21/2013.

73 Will KK4PCV

---In foxdelta@yahoogroups.com, <ve3jpu@...> wrote:

Hello to the group

I am having same problem. I am running XP. I'm just wondering what the most up to date version of .net there is. I down loaded version 4. My unit does work as I have tested it with another member of our club that ordered these units and he is running windows 8. Among our group the people with problems are the ones running XP & windows 7

Randy VE3JPU

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Hello Dinesh and group,

My AAZ-0713A is not recognized by my computers and LED does not light. All voltages and frequency output check okay per instructions. Only jumpers are at H1 and USB Power. Windows XP and Windows 7 have latest .NET installed. No solder bridges or board problems found. Are bridges under sockets possible? Please advise.

73 Will KK4PCV

702. Re: [foxdelta] RE: AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-23 04:32:20 UTC
From: Dennis Rogers
Topic: 694 Message: 702

Do you have the link to the download?

Thanks
Dennis

On Tue, Oct 22, 2013 at 11:12 PM, <wm.gregory@...> wrote:

> **
>
>
> Randy I used the latest versions available at the Microsoft website as of
> 10/21/2013.
>
>
> 73 Will KK4PCV
>
>
> ---In foxdelta@yahoogroups.com, <ve3jpu@...> wrote:
>
> Hello to the group
>
>
> I am having same problem. I am running XP. I'm just wondering what the
> most up to date version of .net there is. I down loaded version 4. My unit
> does work as I have tested it with another member of our club that ordered
> these units and he is running windows 8.
>
> Among our group the people with problems are the ones running XP & windows
> 7
>
>
> Randy VE3JPU
>
>
> ---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:
>
> Hello Dinesh and group,
>
>
>
> My AAZ-0713A is not recognized by my computers and LED does not light.
> All voltages and frequency output check okay per instructions. Only
> jumpers are at H1 and USB Power. Windows XP and Windows 7 have latest .NET
> installed. No solder bridges or board problems found. Are bridges under
> sockets possible? Please advise.
>

>
>
> 73 Will KK4PCV
>
>
>

--

*Dennis, N5VRP
n5vrp.satx@gmail.com*

703. RE: AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-23 13:21:39 UTC
From: <wm.gregory@...>
Topic: 694 Message: 703

Yes Dennis,

http://www.microsoft.com/net/downloads

73 Will KK4PCV

---In foxdelta@yahoogroups.com, <n5vrp.satx@...> wrote:

Do you have the link to the download?

Thanks

Dennis

On Tue, Oct 22, 2013 at 11:12 PM, <wm.gregory@... mailto:wm.gregory@...> wrote:
Randy I used the latest versions available at the Microsoft website as of 10/21/2013.

73 Will KK4PCV

---In foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com, <ve3jpu@...> wrote:

Hello to the group

I am having same problem. I am running XP. I'm just wondering what the most up to date version of .net there is. I down loaded version 4. My unit does work as I have tested it with another member of our club that ordered these units and he is running windows 8. Among our group the people with problems are the ones running XP & windows 7

Randy VE3JPU

---In foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com> wrote:

Hello Dinesh and group,

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73 Will KK4PCV

--

Dennis, N5VRP
n5vrp.satx@... mailto:n5vrp.satx@...

704. Re: [foxdelta] AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-23 13:35:37 UTC
From: Randy Elliott
Topic: 694 Message: 704

Ok thanks Will. I believe I may know what the problem is. I will test my theory and get back to this group.

Randy

On 2013-10-23, at 12:12 AM, wm.gregory@... wrote:

Randy I used the latest versions available at the Microsoft website as of 10/21/2013.

73 Will KK4PCV

---In foxdelta@yahoogroups.com, <ve3jpu@...> wrote:

Hello to the group

I am having same problem. I am running XP. I'm just wondering what the most up to date version of .net there is. I down loaded version 4. My unit does work as I have tested it with another member of our club that ordered these units and he is running windows 8.

Among our group the people with problems are the ones running XP & windows 7

Randy VE3JPU

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

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73 Will KK4PCV

705. Re: AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-23 14:34:09 UTC
From: ok1fky
Topic: 694 Message: 705

Hello Will and the group

My problem with USB is the same - no USB connection.
I tried all - +5V on USB pull-up resistors, reprogramming PIC with most recent firmware, latest version of PC SW.
I use Windows XP Prof and Windows 7 Ultimate.
I think, It's time for designers to check HW and SW design of USB connection.
Nice, usefull device but ....
73! Karel OK1FKY

--- In foxdelta@yahoogroups.com, <wm.gregory@...> wrote:
>
> Randy I used the latest versions available at the Microsoft website as of 10/21/2013.
>
>
> 73 Will KK4PCV
>
>
> ---In foxdelta@yahoogroups.com, <ve3jpu@> wrote:
>
> Hello to the group
>
>
> I am having same problem. I am running XP. I'm just wondering what the most up to date version of .net there is. I down loaded version 4. My unit does work as I have tested it with another member of our club that ordered these units and he is running windows 8.
> Among our group the people with problems are the ones running XP & windows 7
>
>
> Randy VE3JPU
>
>
> ---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:
>
> Hello Dinesh and group,
>
> My AAZ-0713A is not recognized by my computers and LED does not light. All voltages and frequency output check okay per instructions. Only jumpers are at H1 and USB Power. Windows XP and Windows 7 have latest .NET installed. No solder bridges or board problems found. Are bridges under sockets possible? Please advise.
>
> 73 Will KK4PCV
>

706. RE: Re: [foxdelta] AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-23 15:17:07 UTC
From: <ve3jpu@...>
Topic: 694 Message: 706

Well it turns out my theory was wrong, so back to the drawing board. I thought perhaps I had insufficient USB voltage from my USB port so I tried using a HUB but still nothing. So if anyone out there has any ideas on how to get this kit working on XP i'm all ears.

Randy

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Ok thanks Will. I believe I may know what the problem is. I will test my theory and get back to this group.

Randy

On 2013-10-23, at 12:12 AM, wm.gregory@... mailto:wm.gregory@... wrote:

Randy I used the latest versions available at the Microsoft website as of 10/21/2013.

73 Will KK4PCV

---In foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com, <ve3jpu@...> wrote:

Hello to the group

I am having same problem. I am running XP. I'm just wondering what the most up to date version of .net there is. I down loaded version 4. My unit does work as I have tested it with another member of our club that ordered these units and he is running windows 8. Among our group the people with problems are the ones running XP & windows 7

Randy VE3JPU

---In foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com> wrote:

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73 Will KK4PCV

707. RE: AAZ-0713/0713A Communication

Yahoo group: foxdelta
Date: 2013-10-23 17:03:16 UTC
From: <ve3jpu@...>
Topic: 697 Message: 707

Well I have tried all 3 solutions with no effect except for removing R13 & 14. This managed to supply enough current so that the LED would light. I even installed the USB detect exe. program with no results.
As a side note I have tried the software on another computer and when I try to launch the program I get "The application failed to initiate properly (0xc0000135). Click on OK to terminate the application.) Any help with this one would be appreciated. Perhaps I could try that computer if I could get the program to launch.

Randy VE3JPU

---In foxdelta@yahoogroups.com, <vu2fd@...> wrote:

Hello

Noted few communication problem that AAZ-0713 kit builders have faced.

Please do following:

1. Update to latest dotnet frame work from Microsoft. This is very important for XP

2. Alan / ZL2TSQ suggested to download a patch called USBdetect.exe from microsoft. This have solved problem for many.

3. Remove (do not install in new assembly) R13 and R14. These resistors are provided for those who want to experiment their own add-on hardware. Not required for USB, BT or GCPU, As GCPU and BT interface, both, has these resistors built-in.

99% of AAZ-0713 related communication problems will be solved with implementation of either or all of the 3 points.

73s/Dinesh Gajjar

708. RE: AAZ-0713/0713A Communication

Yahoo group: foxdelta
Date: 2013-10-23 17:08:41 UTC
From: <i2tzk@...>
Topic: 697 Message: 708

Randy
please REMOVE R13 & R14 then try again and let us know
Tony

---In foxdelta@yahoogroups.com, <ve3jpu@me.com> wrote:

Well I have tried all 3 solutions with no effect except for removing R13 & 14. This managed to supply enough current so that the LED would light. I even installed the USB detect exe. program with no results.
As a side note I have tried the software on another computer and when I try to launch the program I get "The application failed to initiate properly (0xc0000135). Click on OK to terminate the application.) Any help with this one would be appreciated. Perhaps I could try that computer if I could get the program to launch.

Randy VE3JPU

---In foxdelta@yahoogroups.com, <vu2fd@...> wrote:

Hello

Noted few communication problem that AAZ-0713 kit builders have faced.

Please do following:

1. Update to latest dotnet frame work from Microsoft. This is very important for XP

2. Alan / ZL2TSQ suggested to download a patch called USBdetect.exe from microsoft. This have solved problem for many.

3. Remove (do not install in new assembly) R13 and R14. These resistors are provided for those who want to experiment their own add-on hardware. Not required for USB, BT or GCPU, As GCPU and BT interface, both, has these resistors built-in.

99% of AAZ-0713 related communication problems will be solved with implementation of either or all of the 3 points.

73s/Dinesh Gajjar

709. Re: [foxdelta] RE: AAZ-0713/0713A Communication

Yahoo group: foxdelta
Date: 2013-10-23 18:29:52 UTC
From: Randy Elliott
Topic: 697 Message: 709

I removed these 2 resistors and the led does light now but the computer does not recognize the pic.

Randy
VE3JPU@...

> On Oct 23, 2013, at 1:08 PM, i2tzk@... wrote:
>
> Randy
>
> please REMOVE R13 & R14 then try again and let us know
>
> Tony
>
>
>
> ---In foxdelta@yahoogroups.com, <ve3jpu@...> wrote:
>
> Well I have tried all 3 solutions with no effect except for removing R13 & 14. This managed to supply enough current so that the LED would light. I even installed the USB detect exe. program with no results.
>
> As a side note I have tried the software on another computer and when I try to launch the program I get "The application failed to initiate properly (0xc0000135). Click on OK to terminate the application.) Any help with this one would be appreciated. Perhaps I could try that computer if I could get the program to launch.
>
>
>
> Randy VE3JPU
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> ---In foxdelta@yahoogroups.com, <vu2fd@...> wrote:
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> Hello
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> Noted few communication problem that AAZ-0713 kit builders have faced.
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> Please do following:
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> 1. Update to latest dotnet frame work from Microsoft. This is very important for XP
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>
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>
> 99% of AAZ-0713 related communication problems will be solved with implementation of either or all of the 3 points.
>
> 73s/Dinesh Gajjar
>
>

710. Re: [foxdelta] Re: AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-23 18:27:51 UTC
From: Randy Elliott
Topic: 694 Message: 710

I am in full agreement

Randy
VE3JPU@...

> On Oct 23, 2013, at 10:34 AM, ok1fky <k.sim@...> wrote:
>
> Hello Will and the group
>
> My problem with USB is the same - no USB connection.
> I tried all - +5V on USB pull-up resistors, reprogramming PIC with most recent firmware, latest version of PC SW.
> I use Windows XP Prof and Windows 7 Ultimate.
> I think, It's time for designers to check HW and SW design of USB connection.
> Nice, usefull device but ....
> 73! Karel OK1FKY
>
> --- In foxdelta@...m, <wm.gregory@...> wrote:
> >
> > Randy I used the latest versions available at the Microsoft website as of 10/21/2013.
> >
> >
> > 73 Will KK4PCV
> >
> >
> > ---In foxdelta@yahoogroups.com, <ve3jpu@> wrote:
> >
> > Hello to the group
> >
> >
> > I am having same problem. I am running XP. I'm just wondering what the most up to date version of .net there is. I down loaded version 4. My unit does work as I have tested it with another member of our club that ordered these units and he is running windows 8.
> > Among our group the people with problems are the ones running XP & windows 7
> >
> >
> > Randy VE3JPU
> >
> >
> > ---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:
> >
> > Hello Dinesh and group,
> >
> > My AAZ-0713A is not recognized by my computers and LED does not light. All voltages and frequency output check okay per instructions. Only jumpers are at H1 and USB Power. Windows

XP and Windows 7 have latest .NET installed. No solder bridges or board problems found. Are bridges under sockets possible? Please advise.
> >
> > 73 Will KK4PCV
> >
>
>

711. RE: AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-23 19:54:03 UTC
From: <i2tzk@...>
Topic: 694 Message: 711

Karel
>I tried all - +5V on USB pull-up resistors
What does this mean ??
Tony

---In foxdelta@yahoogroups.com, <ve3jpu@me.com> wrote:

I am in full agreement

Randy
VE3JPU@me.com mailto:VE3JPU@me.com

On Oct 23, 2013, at 10:34 AM, ok1fky <k.sim@seznam.cz mailto:k.sim@seznam.cz> wrote:

Hello Will and the group

My problem with USB is the same - no USB connection.
I tried all - +5V on USB pull-up resistors, reprogramming PIC with most recent firmware, latest version of PC SW.
I use Windows XP Prof and Windows 7 Ultimate.
I think, It's time for designers to check HW and SW design of USB connection.
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> Randy VE3JPU
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>
> 73 Will KK4PCV
>

712. RE: Re: [foxdelta] Re: AAZ-0713A

Yahoo group: foxdelta
Date: 2013-10-23 19:46:14 UTC
From: <i2tzk@...>
Topic: 694 Message: 712

Karel

>>I tried all - +5V on USB pull-up resistors

What does it mean ??
Tony

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

I am in full agreement

Randy
VE3JPU@me.com mailto:VE3JPU@me.com

On Oct 23, 2013, at 10:34 AM, ok1fky <k.sim@seznam.cz mailto:k.sim@seznam.cz> wrote:

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I tried all - +5V on USB pull-up resistors, reprogramming PIC with most recent firmware, latest version of PC SW.
I use Windows XP Prof and Windows 7 Ultimate.
I think, It's time for designers to check HW and SW design of USB connection.
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--- In foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com, <wm.gregory@...> wrote:
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> Hello to the group
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> Among our group the people with problems are the ones running XP & windows 7
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> Randy VE3JPU
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>
> 73 Will KK4PCV
>

713. RE: Re: [foxdelta] RE: AAZ-0713/0713A Communication

Yahoo group: foxdelta
Date: 2013-10-23 20:02:27 UTC
From: <i2tzk@...>
Topic: 697 Message: 713

Randy
Led ON means that the usb link pic-pc is running.
Now you have to investigate your PC.
Are u using W7 or XP ??
Does Win install drivers ?
Please have a look to User Manual par1. Connecting the Hardware

Tony

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

I removed these 2 resistors and the led does light now but the computer does not recognize the pic.

Randy
VE3JPU@me.com mailto:VE3JPU@me.com

On Oct 23, 2013, at 1:08 PM, i2tzk@fastwebnet.it mailto:i2tzk@fastwebnet.it wrote:

Randy
please REMOVE R13 & R14 then try again and let us know
Tony

---In foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com, <ve3jpu@me.com mailto:ve3jpu@me.com> wrote:

Well I have tried all 3 solutions with no effect except for removing R13 & 14. This managed to supply enough current so that the LED would light. I even installed the USB detect exe. program with no results.
As a side note I have tried the software on another computer and when I try to launch the program I get "The application failed to initiate properly (0xc0000135). Click on OK to terminate the application.) Any help with this one would be appreciated. Perhaps I could try that computer if I could get the program to launch.

Randy VE3JPU

---In foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com, <vu2fd@...> wrote:

Hello

Noted few communication problem that AAZ-0713 kit builders have faced.

Please do following:

1. Update to latest dotnet frame work from Microsoft. This is very important for XP

2. Alan / ZL2TSQ suggested to download a patch called USBdetect.exe from microsoft. This have solved problem for many.

3. Remove (do not install in new assembly) R13 and R14. These resistors are provided for those who want to experiment their own add-on hardware. Not required for USB, BT or GCPU, As GCPU and BT interface, both, has these resistors built-in.

99% of AAZ-0713 related communication problems will be solved with implementation of either or all of the 3 points.

73s/Dinesh Gajjar

714. Re: [foxdelta] RE: AAZ-0713/0713A Communication

Yahoo group: foxdelta
Date: 2013-10-23 21:51:41 UTC
From: Randy Elliott
Topic: 697 Message: 714

I'm running XP and for the drivers I don't recall any drivers being loaded during this whole exercise.
Any particular driver I should look for?
Randy

On 2013-10-23, at 4:02 PM, i2tzk@... wrote:

Randy
Led ON means that the usb link pic-pc is running.
Now you have to investigate your PC.
Are u using W7 or XP ??
Does Win install drivers ?
Please have a look to User Manual par1. Connecting the Hardware

Tony

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

I removed these 2 resistors and the led does light now but the computer does not recognize the pic.

Randy
VE3JPU@...

On Oct 23, 2013, at 1:08 PM, i2tzk@... wrote:

>
> Randy
>
> please REMOVE R13 & R14 then try again and let us know
>
> Tony
>
>
>
> ---In foxdelta@yahoogroups.com, <ve3jpu@...> wrote:
>
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> As a side note I have tried the software on another computer and when I try to launch the program I get "The application failed to initiate properly (0xc0000135). Click on OK to terminate the application.) Any help with this one would be appreciated. Perhaps I could try that computer if I could get the program to launch.
>
>

>
> Randy VE3JPU
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> ---In foxdelta@yahoogroups.com, <vu2fd@...> wrote:
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> Hello
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> Please do following:
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> 1. Update to latest dotnet frame work from Microsoft. This is very important for XP
>
> 2. Alan / ZL2TSQ suggested to download a patch called USBdetect.exe from microsoft. This have solved problem for many.
>
> 3. Remove (do not install in new assembly) R13 and R14. These resistors are provided for those who want to experiment their own add-on hardware. Not required for USB, BT or GCPU, As GCPU and BT interface, both, has these resistors built-in.
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> 99% of AAZ-0713 related communication problems will be solved with implementation of either or all of the 3 points.
>
> 73s/Dinesh Gajjar
>

715. RE: RE: Re: [foxdelta] RE: AAZ-0713/0713A Communication

Yahoo group: foxdelta
Date: 2013-10-23 22:52:23 UTC
From: <ve3jpu@...>
Topic: 697 Message: 715

Well good news at last. I finally got the analyzer working, but I don't know how. Sorry this isn't much help to the rest that are having troubles. For some reason unknown to me at this time it just started working. It seems to have been possibly that when I launched the program with the USB cable connected it would not connect but when I unplugged it and replugged it back in the analyzer would connect, doesn't sound right to me as I must have done this at least a dozen times with no results before. But I must add that removing R 13 & 14 may have been the game changer though.

73 Randy VE3JPU

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Randy
Led ON means that the usb link pic-pc is running.
Now you have to investigate your PC.
Are u using W7 or XP ??
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Please have a look to User Manual par1. Connecting the Hardware

Tony

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

I removed these 2 resistors and the led does light now but the computer does not recognize the pic.

Randy
VE3JPU@... mailto:VE3JPU@...

On Oct 23, 2013, at 1:08 PM, i2tzk@... mailto:i2tzk@... wrote:

Randy
please REMOVE R13 & R14 then try again and let us know
Tony

---In foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com, <ve3jpu@...
mailto:ve3jpu@...> wrote:

Well I have tried all 3 solutions with no effect except for removing R13 & 14. This managed to supply enough current so that the LED would light. I even installed the USB detect exe. program with no results.
As a side note I have tried the software on another computer and when I try to launch the program I get "The application failed to initiate properly (0xc0000135). Click on OK to terminate the application.) Any help with this one would be appreciated. Perhaps I could try that computer if I could get the program to launch.

Randy VE3JPU

---In foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com, <vu2fd@...> wrote:

Hello

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Please do following:

1. Update to latest dotnet frame work from Microsoft. This is very important for XP

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3. Remove (do not install in new assembly) R13 and R14. These resistors are provided for those who want to experiment their own add-on hardware. Not required for USB, BT or GCPU, As GCPU and BT interface, both, has these resistors built-in.

99% of AAZ-0713 related communication problems will be solved with implementation of either or all of the 3 points.

73s/Dinesh Gajjar

716. AAZ-0713

Yahoo group: foxdelta
Date: 2013-10-24 01:53:16 UTC
From: <vu2fd@...>
Topic: 716 Message: 716

Hello

Ref to discussion regarding non working of AAZ or not recogz by PC, I have suggested few points to look for.

These are known points that you may try to solve problem.
However, please note that, hardware itself may be a problem and in such cases, you may contact me on esales@foxdelta.com. We can not solve a PCB or component failure problem by FW or SW discussion on this group.

73s/Dinesh Gajjar

717. AAZ-0713 No RF Output

Yahoo group: foxdelta
Date: 2013-10-24 07:04:09 UTC
From: <mikewogden@...>
Topic: 717 Message: 717

Built the kit Ok.
Full comms with the PC but no RF output.
DDS Signal gets as far as the input to Q1 but no output.going to C6.

I note that whilst I have +5V on R8. The voltage has dropped to around 3.5V when the RF choked voltage is connected to Q1.

Could this be the cause of the problem?

No obvious shorts or opens.

ideas please

Thanks

Mike. G4KXQ

718. RE: AAZ-0713 No RF Output

Yahoo group: foxdelta
Date: 2013-10-24 10:38:49 UTC
From: <vu2fd@...>
Topic: 717 Message: 718

Hello

Voltage at Q1 are correct. Q1 is a 3.3V device
Most things looks good.

Please check for any possible PCB shorts (usually micro dust etc) from C6 onwards, and around, BNC

Send hardware related points to me at esales or vu2fd@foxdelta.com

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <mikewogden@gmail.com> wrote:

Built the kit Ok.
Full comms with the PC but no RF output.
DDS Signal gets as far as the input to Q1 but no output.going to C6.

I note that whilst I have +5V on R8. The voltage has dropped to around 3.5V when the RF choked voltage is connected to Q1.

Could this be the cause of the problem?

No obvious shorts or opens.

ideas please

Thanks

Mike. G4KXQ

719. Graphic LCD Based Projects

Yahoo group: foxdelta
Date: 2013-10-29 15:59:39 UTC
From: <i2tzk@...>
Topic: 719 Message: 719

Hi All
for those of you interested in writing his own f/w using the GLCD,
i've published on my web site the sorce code of a template that can be used as starting point to developpe a : FREQUENCY COUNTER.

Have a look to:
http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=133:graphic-cpu

73's Tony

720. RE: AAZ-0713/0713A Communication

Yahoo group: foxdelta
Date: 2013-11-01 15:52:17 UTC
From: <kvazapeoplez@...>
Topic: 697 Message: 720

seems many people have a problem with windows XP and AAZ, and me too :(

it appeared in the system as HID device -> "SWR Analyzer" when i removed R13, R14

and now it works with Windows 7 , but not with Windows XP installed on 2nd hdd (the same PC, usb port, cable)

> "The application failed to initiate properly (0xc0000135).

i've got this error message under window XP when .net4 was installed without other .net versions,
message disappeared after installation .net3 or .net2,

but AAZ still invisibe ("SWR Analyzer unit not found") for "SWRAnalyzer5.03.exe"

here is Windows XP SP3, .net 1 2 3 4 installed,

---In foxdelta@yahoogroups.com, <ve3jpu@...> wrote:

Well I have tried all 3 solutions with no effect except for removing R13 & 14. This managed to supply enough current so that the LED would light. I even installed the USB detect exe. program with no results.
As a side note I have tried the software on another computer and when I try to launch the program I get "The application failed to initiate properly (0xc0000135). Click on OK to terminate the application.) Any help with this one would be appreciated. Perhaps I could try that computer if I could get the program to launch.

Randy VE3JPU

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3. Remove (do not install in new assembly) R13 and R14. These resistors are provided for those who want to experiment their own add-on hardware. Not required for USB, BT or GCPU, As GCPU and BT interface, both, has these resistors built-in.

99% of AAZ-0713 related communication problems will be solved with implementation of either or all of the 3 points.

73s/Dinesh Gajjar

721. RE: AAZ-0713/0713A Communication

Yahoo group: foxdelta
Date: 2013-11-01 16:28:55 UTC
From: <kvazapeoplez@...>
Topic: 697 Message: 721

---In foxdelta@yahoogroups.com, <ve3jpu@...> wrote:

Well good news at last. I finally got the analyzer working, but I don't know how. Sorry this isn't much help to the rest that are having troubles. For some reason unknown to me at this time it just started working. It seems to have been possibly that when I launched the program with the USB cable connected it would not connect but when I unplugged it and replugged it back in the analyzer would connect, doesn't sound right to me as I must have done this at least a dozen times with no results before. But I must add that removing R 13 & 14 may have been the game changer though.

73 Randy VE3JPU

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Does Win install drivers ?
Please have a look to User Manual par1. Connecting the Hardware

Tony

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VE3JPU@... mailto:VE3JPU@...

On Oct 23, 2013, at 1:08 PM, i2tzk@... mailto:i2tzk@... wrote:

Randy
please REMOVE R13 & R14 then try again and let us know
Tony

---In foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com, <ve3jpu@...
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99% of AAZ-0713 related communication problems will be solved with implementation of either or all of the 3 points.

73s/Dinesh Gajjar

722. CPU to SHRA Error

Yahoo group: foxdelta
Date: 2013-11-02 16:27:09 UTC
From: <ko4nrbs@...>
Topic: 722 Message: 722

Just received my assembled GCPU-0613 and AAZ-0713A kits today. I connected the two with the supplied cable and powered up the GCPU-0613. I am getting the following error:
1. CPU to SHRA (38.4kb)
2. SHRA to CPU
LED Must Blink

What am I doing wrong? I can't connect to my computer until I get the correct cable so don't know if that may work.
Thanks,
Bill

723. RE: CPU to SHRA Error

Yahoo group: foxdelta
Date: 2013-11-02 18:52:08 UTC
From: <ko4nrbs@...>
Topic: 722 Message: 723

That should read SWRA and not SHRA!! I did power up the AAZ-0713A from the computer and powered up the GCPU-0613 with a DC power supply. Connected the two with the DP-9 cable supplied for them. Still not communicating.
Bill

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

Just received my assembled GCPU-0613 and AAZ-0713A kits today. I connected the two with the supplied cable and powered up the GCPU-0613. I am getting the following error:
1. CPU to SHRA (38.4kb)
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Thanks,
Bill

724. RE: CPU to SHRA Error

Yahoo group: foxdelta
Date: 2013-11-02 21:14:30 UTC
From: <ko4nrbs@...>
Topic: 722 Message: 724

UPDATE:
Did some research on the group here as I should have in the first place. Removed R13 and R14 and did the downloads. White LED on antenna analyzer is blinking. Still no connection to the GCPU. Do I need to use a Male DP9/Male DP15 cable to connect the analyzer to the computer?
Thanks,
Bill

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

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Thanks,
Bill

725. RE: CPU to SHRA Error

Yahoo group: foxdelta
Date: 2013-11-02 23:28:42 UTC
From: <ko4nrbs@...>
Topic: 722 Message: 725

Yet another update:
The AAZ-0713A is now working when connected to the computer. The analyzer still will not work with the GCPU-0613. The GCPU is powered up by a power supply and the analyzer is powered up from the computer through the USB port. This is even with the LED blinking. They are both connected by the supplied cable.

Bill

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

UPDATE:
Did some research on the group here as I should have in the first place. Removed R13 and R14 and did the downloads. White LED on antenna analyzer is blinking. Still no connection to the GCPU. Do I need to use a Male DP9/Male DP15 cable to connect the analyzer to the computer?
Thanks,
Bill

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2. SHRA to CPU
LED Must Blink

What am I doing wrong? I can't connect to my computer until I get the correct cable so don't know if that may work.
Thanks,
Bill

726. R: [foxdelta] RE: CPU to SHRA Error

Yahoo group: foxdelta
Date: 2013-11-03 06:31:55 UTC
From: i2tzk
Topic: 726 Message: 726

Hi Bill
2 pull up resistors are needed ONLY when connecting SWRA to BT or GLCD.
Please have a look to the user manual for the special cable USB-DB9 to connect to GLCD.
73 Tony

Sent from mobile Tablet Samsungko4nrbs@yahoo.com ha scritto:Yet another update:

The AAZ-0713A is now working when connected to the computer. The analyzer still will not work with the GCPU-0613. The GCPU is powered up by a power supply and the analyzer is powered up from the computer through the USB port. This is even with the LED blinking. They are both connected by the supplied cable.

Bill

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LED Must Blink

What am I doing wrong? I can't connect to my computer until I get the correct cable so don't know if that may work.

Thanks,

Bill

727. RE: R: [foxdelta] RE: CPU to SHRA Error

Yahoo group: foxdelta
Date: 2013-11-03 09:13:43 UTC
From: <vu2fd@...>
Topic: 726 Message: 727

Hello Bill

Both, AAZ and GCPU assembled were supplied tested.

As we test AAZ on PC, you need to change headers in AAZ to connect to GCPU.
That is, Shorting pin at H3 (That is GCPU Enable) and Power selector ar D9 (Power for AAZ from GCPU)

On GCPU, FW is already loaded for AAZ interface.
Set DIP switches as required for analyzer and connect D9 Male to Male cable supplied.
Now, AAZ will be powered by GCPU.

Follow GCPU instructions on LCD.

I hope it works for you.

No need to remove R13/14 because they are good for use with GCPU or Bluetooth Interface.
Remove them only if you have problem using AAZ with USB/PC.

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Hi Bill
2 pull up resistors are needed ONLY when connecting SWRA to BT or GLCD.
Please have a look to the user manual for the special cable USB-DB9 to connect to GLCD.
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Sent from mobile Tablet Samsung

ko4nrbs@yahoo.com ha scritto:
Yet another update:
The AAZ-0713A is now working when connected to the computer. The analyzer still will not work with the GCPU-0613. The GCPU is powered up by a power supply and the analyzer is powered up from the computer through the USB port. This is even with the LED blinking. They are both connected by the supplied cable.

Bill

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

UPDATE:
Did some research on the group here as I should have in the first place. Removed R13 and R14 and did the downloads. White LED on antenna analyzer is blinking. Still no connection to the GCPU. Do I need to use a Male DP9/Male DP15 cable to connect the analyzer to the computer?
Thanks,
Bill

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

Just received my assembled GCPU-0613 and AAZ-0713A kits today. I connected the two with the supplied cable and powered up the GCPU-0613. I am getting the following error:
1. CPU to SHRA (38.4kb)
2. SHRA to CPU
LED Must Blink

What am I doing wrong? I can't connect to my computer until I get the correct cable so don't know if that may work.
Thanks,
Bill

728. Re: R: [foxdelta] RE: CPU to SHRA Error

Yahoo group: foxdelta
Date: 2013-11-03 20:23:45 UTC
From: Bill Smith
Topic: 726 Message: 728

I didn't have a shorting jumper so I just put a small jumper across the two H3 pins. This is only temporary to see if it works. I still need a shorting jumper.

The GCPU now works with the Antenna Analyzer!! Thanks for the help.
Bill

On Sunday, November 3, 2013 3:14 AM, "vu2fd@..." <vu2fd@...> wrote:

Hello Bill

Both, AAZ and GCPU assembled were supplied tested.

As we test AAZ on PC, you need to change headers in AAZ to connect to GCPU.
That is, Shorting pin at H3 (That is GCPU Enable) and Power selector ar D9 (Power for AAZ from GCPU)

On GCPU, FW is already loaded for AAZ interface.
Set DIP switches as required for analyzer and connect D9 Male to Male cable supplied.
Now, AAZ will be powered by GCPU.

Follow GCPU instructions on LCD.

I hope it works for you.

No need to remove R13/14 because they are good for use with GCPU or Bluetooth Interface.
Remove them only if you have problem using AAZ with USB/PC.

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Hi Bill
2 pull up resistors are needed ONLY when connecting SWRA to BT or GLCD.
Please have a look to the user manual for the special cable USB-DB9 to connect to GLCD.
73 Tony

Sent from mobile Tablet Samsung
ko4nrbs@... ha scritto:

Yet another update:
The AAZ-0713A is now working when connected to the computer. The analyzer still will not work with the GCPU-0613. The GCPU is powered up by a power supply and the analyzer is powered up from the computer through the USB port. This is even with the LED blinking.
They are both connected by the supplied cable.

Bill

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

UPDATE:
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Just received my assembled GCPU-0613 and AAZ-0713A kits today. I connected the two with the supplied cable and powered up the GCPU-0613. I am getting the following error:
1. CPU to SHRA (38.4kb)
2. SHRA to CPU
LED Must Blink

What am I doing wrong? I can't connect to my computer until I get the correct cable so don't know if that may work.
Thanks,
Bill

729. SO-239 connectors

Yahoo group: foxdelta
Date: 2013-11-04 14:22:53 UTC
From: James Painter
Topic: 729 Message: 729

I have built a SWM3 including the RF bridge. The SO-239 connectors included with the bridge don't fit any of my PL-259 plugs. The center conductor receptacle in the 239 is too tight. I have tried a brand new 259 right out of the bag. Still too tight. Has anyone else had this problem? I guess I will have to replace the 239's with Amphenols.

Jim KQ3S

730. RE: SO-239 connectors

Yahoo group: foxdelta
Date: 2013-11-04 16:25:47 UTC
From: <vu2fd@...>
Topic: 729 Message: 730

Hello Jim

Thank you for info.
I will check my stock for compatibility.
However, so far I havn't heard this problem.

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <jfpainter@yahoo.com> wrote:

I have built a SWM3 including the RF bridge. The SO-239 connectors included with the bridge don't fit any of my PL-259 plugs. The center conductor receptacle in the 239 is too tight. I have tried a brand new 259 right out of the bag. Still too tight. Has anyone else had this problem? I guess I will have to replace the 239's with Amphenols.

Jim KQ3S

731. Debugging the AAZ-0912A

Yahoo group: foxdelta
Date: 2013-11-04 20:08:54 UTC
From: Antoon PA2AR
Topic: 731 Message: 731
Attachments: 2 described; binary payloads are missing from this source WARC

Dear all,

As a new HAM (since 2 months) from the Netherlands, I thought the analyzer would be a great tool when building my first HF antenna.
I bought and built the kit and tested it. It seems to do something but it seems not correct.

- I can connect it to my Win7 PC where it is recognized
- I have successfully upgraded the FW to ´S/w 05.03 - F/w 05.02 - H/w [i2tzk SWRAnalyzer 10bit (v05.02)]´
- Calibrated the unit according the manual
- The LED flashes continuously at a rate of about three to four times per second

But when I run a scan with an antenna connected (I currently only have a 11 meter antenna that has a SWR of 1:1.2 or better on 11m according two another SWR meters), I get a flat line all the way at the top of the graph.
A very bad SWR.

When I run a scan without anything connected, I get a kind of line just below a SWR of 10.
When I touch the ground of the analyzer with my finger or with the outer side of the antenna connector, the SWR becomes a flat line in the top again.

To show, I added two screenshots (I hope that works in a mailing list).
If the attachment doesn't work, please check the following links:
http://www.pa2ar.nl/fotos/foxdelta_swr_analyzer/Scan_nothing_connected.png
http://www.pa2ar.nl/fotos/foxdelta_swr_analyzer/Scan_antenna_connected.png
http://www.pa2ar.nl/fotos/foxdelta_swr_analyzer/About.png

Some locals over here suggested me to measure the resistance of the input, to see if that shows strange values. These are the values I measure without power connected:
BNC connector (between center and outside) 64,7Ohm
Over R1 32,7 Ohm
Over R1A 32,6 Ohm
Over R2 32,6 Ohm
Over R2A 32,6 Ohm
Over R3 29,0 Ohm
Over R3A 29,0 Ohm
Over R4 39,6 Ohm
Over R4A 39,6 Ohm
Over R5 53,7Ohm
Over R6 17,5 Ohm
Over R7 64,0 Ohm

Does anybody have an idea about how to proceed and troubleshoot the build?

Thanks in advance for any answer,
Antoon (PA2AR).

732. Re: [foxdelta] Debugging the AAZ-0912A [2 Attachments]

Yahoo group: foxdelta
Date: 2013-11-05 01:30:10 UTC
From: gadin01
Topic: 731 Message: 732

Hello dear
congratulation for your licence in ham radio
about your analyser , , it seems your DDS do not make is job .....
see if you have a signal on your bnc soket , with a frequency meter , or an
Oszilloskop
regards
Dom

2013/11/4 Antoon PA2AR <pa2ar.antoon@...>

>
> [Attachment(s) <#14224bb7245672e2_TopText> from Antoon PA2AR included
> below]
>
> Dear all,
>
> As a new HAM (since 2 months) from the Netherlands, I thought the analyzer
> would be a great tool when building my first HF antenna.
> I bought and built the kit and tested it. It seems to do something but it
> seems not correct.
>
> - I can connect it to my Win7 PC where it is recognized
> - I have successfully upgraded the FW to ´S/w 05.03 - F/w 05.02 - H/w
> [i2tzk SWRAnalyzer 10bit (v05.02)]´
> - Calibrated the unit according the manual
> - The LED flashes continuously at a rate of about three to four times per
> second
>
> But when I run a scan with an antenna connected (I currently only have a
> 11 meter antenna that has a SWR of 1:1.2 or better on 11m according two
> another SWR meters), I get a flat line all the way at the top of the graph.
> A very bad SWR.
>
> When I run a scan without anything connected, I get a kind of line just
> below a SWR of 10.
> When I touch the ground of the analyzer with my finger or with the outer
> side of the antenna connector, the SWR becomes a flat line in the top again.
>
> To show, I added two screenshots (I hope that works in a mailing list).
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>
> Some locals over here suggested me to measure the resistance of the input,

> to see if that shows strange values. These are the values I measure without
> power connected:
> BNC connector (between center and outside) 64,7Ohm
> Over R1 32,7 Ohm
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> Over R2 32,6 Ohm
> Over R2A 32,6 Ohm
> Over R3 29,0 Ohm
> Over R3A 29,0 Ohm
> Over R4 39,6 Ohm
> Over R4A 39,6 Ohm
> Over R5 53,7Ohm
> Over R6 17,5 Ohm
> Over R7 64,0 Ohm
>
> Does anybody have an idea about how to proceed and troubleshoot the build?
>
> Thanks in advance for any answer,
> Antoon (PA2AR).
>
>
>

733. RE: Debugging the AAZ-0912A

Yahoo group: foxdelta
Date: 2013-11-05 01:50:53 UTC
From: <vu2fd@...>
Topic: 731 Message: 733

Hello

Check two things:

1. If 10.00MHZ is present at BNC (without PC connected). DDS module is supplied with kit fully tested. If no signal at BNC, possibilities are:
A. check if 3.3v is present at RFC+Bead on Q1.
B. check all components starting from L1 to R7.

If all ok with parts, possibility is that Q1 is dead. (perhaps static damage) If that is so, let me know at esales@fox..com and I will send you a replacement.

2. If signal is present at BNC, check with a meter for continuity from BNC to C1 and then to AD8307.
With Signal present, if SWR is all the time high, possibility is that AD8307 is damaged or Bad.

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Dear all,

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- Calibrated the unit according the manual
- The LED flashes continuously at a rate of about three to four times per second

But when I run a scan with an antenna connected (I currently only have a 11 meter antenna that has a SWR of 1:1.2 or better on 11m according two another SWR meters), I get a flat line all the way at the top of the graph. A very bad SWR.

When I run a scan without anything connected, I get a kind of line just below a SWR of 10.

When I touch the ground of the analyzer with my finger or with the outer side of the antenna connector, the SWR becomes a flat line in the top again.

To show, I added two screenshots (I hope that works in a mailing list).

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BNC connector (between center and outside) 64,7Ohm

Over R1 32,7 Ohm
Over R1A 32,6 Ohm
Over R2 32,6 Ohm
Over R2A 32,6 Ohm
Over R3 29,0 Ohm
Over R3A 29,0 Ohm
Over R4 39,6 Ohm
Over R4A 39,6 Ohm
Over R5 53,7Ohm

Over R6 17,5 Ohm

Over R7 64,0 Ohm

Does anybody have an idea about how to proceed and troubleshoot the build?

Thanks in advance for any answer,

Antoon (PA2AR).

734. RE: Debugging the AAZ-0912A

Yahoo group: foxdelta
Date: 2013-11-05 06:05:54 UTC
From: <i2tzk@...>
Topic: 731 Message: 734

Antoon
to check if DDS is working, that is 10MHz signal is present at bnc it is not necessary to run the win pgm,
just plug in the usb cable or pwr on the swra.
If counter or oscilloscope are not available, just tune your receiver at 10MHz plug into the swra bnc a short piece of wire (working as an antenna) and search the 10MHz carrier.
Hope to meet you soon on air.

73's Tony

---In foxdelta@yahoogroups.com, <vu2fd@yahoo.com> wrote:

Hello

Check two things:

1. If 10.00MHZ is present at BNC (without PC connected). DDS module is supplied with kit fully tested. If no signal at BNC, possibilities are:
A. check if 3.3v is present at RFC+Bead on Q1.
B. check all components starting from L1 to R7.

If all ok with parts, possibility is that Q1 is dead. (perhaps static damage) If that is so, let me know at esales@fox..com and I will send you a replacement.

2. If signal is present at BNC, check with a meter for continuity from BNC to C1 and then to AD8307.
With Signal present, if SWR is all the time high, possibility is that AD8307 is damaged or Bad.

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Dear all,

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I bought and built the kit and tested it. It seems to do something but it seems not correct.

- I can connect it to my Win7 PC where it is recognized

- I have successfully upgraded the FW to ´S/w 05.03 - F/w 05.02 - H/w [i2tzk SWRAnalyzer 10bit (v05.02)]´

- Calibrated the unit according the manual
- The LED flashes continuously at a rate of about three to four times per second

But when I run a scan with an antenna connected (I currently only have a 11 meter antenna that has a SWR of 1:1.2 or better on 11m according two another SWR meters), I get a flat line all the way at the top of the graph. A very bad SWR.

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Over R4 39,6 Ohm
Over R4A 39,6 Ohm
Over R5 53,7Ohm

Over R6 17,5 Ohm

Over R7 64,0 Ohm

Does anybody have an idea about how to proceed and troubleshoot the build?

Thanks in advance for any answer,

Antoon (PA2AR).

735. RE: RE: Debugging the AAZ-0912A

Yahoo group: foxdelta
Date: 2013-11-05 10:03:31 UTC
From: <pa2ar.antoon@...>
Topic: 731 Message: 735

Hello Tony and Dinesh Gajjar,

Thank you very much for your answers! I don't have a frequency counter or oscilloscope, but I will try tonight if my receiver 'hears' anything on (or around) 10MHz.
If not, I will take the unit to a local HAM who has a counter and scope.

From there I will continue testing and let you know the result.

73's Antoon (PA2AR)

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Antoon
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just plug in the usb cable or pwr on the swra.
If counter or oscilloscope are not available, just tune your receiver at 10MHz plug into the swra bnc a short piece of wire (working as an antenna) and search the 10MHz carrier.
Hope to meet you soon on air.

73's Tony

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2. If signal is present at BNC, check with a meter for continuity from BNC to C1 and then to AD8307.
With Signal present, if SWR is all the time high, possibility is that AD8307 is damaged or Bad.

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Dear all,

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I bought and built the kit and tested it. It seems to do something but it seems not correct.

- I can connect it to my Win7 PC where it is recognized

- I have successfully upgraded the FW to ´S/w 05.03 - F/w 05.02 - H/w [i2tzk SWRAnalyzer 10bit (v05.02)]´

- Calibrated the unit according the manual
- The LED flashes continuously at a rate of about three to four times per second

But when I run a scan with an antenna connected (I currently only have a 11 meter antenna that has a SWR of 1:1.2 or better on 11m according two another SWR meters), I get a flat line all the way at the top of the graph. A very bad SWR.

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Over R4 39,6 Ohm
Over R4A 39,6 Ohm
Over R5 53,7Ohm

Over R6 17,5 Ohm

Over R7 64,0 Ohm

Does anybody have an idea about how to proceed and troubleshoot the build?

Thanks in advance for any answer,

Antoon (PA2AR).

736. RE: RE: RE: Debugging the AAZ-0912A

Yahoo group: foxdelta
Date: 2013-11-05 11:43:56 UTC
From: <vu2fd@...>
Topic: 731 Message: 736

Hello Antoon
That is fine. Give a try and let us know results.
If any further problems, contact me at esales@foxde...com

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <pa2ar.antoon@gmail.com> wrote:

Hello Tony and Dinesh Gajjar,

Thank you very much for your answers! I don't have a frequency counter or oscilloscope, but I will try tonight if my receiver 'hears' anything on (or around) 10MHz.
If not, I will take the unit to a local HAM who has a counter and scope.

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73's Antoon (PA2AR)

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Over R4 39,6 Ohm
Over R4A 39,6 Ohm
Over R5 53,7Ohm

Over R6 17,5 Ohm

Over R7 64,0 Ohm

Does anybody have an idea about how to proceed and troubleshoot the build?

Thanks in advance for any answer,

Antoon (PA2AR).

737. GCPU vs. Software

Yahoo group: foxdelta
Date: 2013-11-05 15:47:31 UTC
From: Bill Smith
Topic: 737 Message: 737

I have scanned my antenna using the AAZ-0713 with both the CPU-0613 and the software on my computer. Should they both read the same SWR or is one a little more accurate than the other?
Thanks,
Bill

738. RE: R: [foxdelta] RE: CPU to SHRA Error

Yahoo group: foxdelta
Date: 2013-11-05 15:38:07 UTC
From: <ko4nrbs@...>
Topic: 726 Message: 738

After learning how to set the SWRA up to work with the GCPU all works well. I didn't have a shorting pin at H3 and the shorting pin for the power (D9 or USB) was in the wrong position. I've got to get better at reading and comprehending the instructions. There's a wealth of knowledge provided on the web site.

I'm very happy with the kits. They fit my needs very well.
Bill

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

I didn't have a shorting jumper so I just put a small jumper across the two H3 pins. This is only temporary to see if it works. I still need a shorting jumper.

The GCPU now works with the Antenna Analyzer!! Thanks for the help.
Bill

On Sunday, November 3, 2013 3:14 AM, "vu2fd@..." <vu2fd@...> wrote:

Hello Bill

Both, AAZ and GCPU assembled were supplied tested.

As we test AAZ on PC, you need to change headers in AAZ to connect to GCPU.
That is, Shorting pin at H3 (That is GCPU Enable) and Power selector ar D9 (Power for AAZ from GCPU)

On GCPU, FW is already loaded for AAZ interface.
Set DIP switches as required for analyzer and connect D9 Male to Male cable supplied.
Now, AAZ will be powered by GCPU.

Follow GCPU instructions on LCD.

I hope it works for you.

No need to remove R13/14 because they are good for use with GCPU or Bluetooth Interface.
Remove them only if you have problem using AAZ with USB/PC.

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Hi Bill
2 pull up resistors are needed ONLY when connecting SWRA to BT or GLCD.
Please have a look to the user manual for the special cable USB-DB9 to connect to GLCD.
73 Tony

Sent from mobile Tablet Samsung

ko4nrbs@... ha scritto:
Yet another update:
The AAZ-0713A is now working when connected to the computer. The analyzer still will not work with the GCPU-0613. The GCPU is powered up by a power supply and the analyzer is powered up from the computer through the USB port. This is even with the LED blinking. They are both connected by the supplied cable.

Bill

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

UPDATE:
Did some research on the group here as I should have in the first place. Removed R13 and R14 and did the downloads. White LED on antenna analyzer is blinking. Still no connection to the GCPU. Do I need to use a Male DP9/Male DP15 cable to connect the analyzer to the computer?
Thanks,
Bill

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

Just received my assembled GCPU-0613 and AAZ-0713A kits today. I connected the two with the supplied cable and powered up the GCPU-0613. I am getting the following error:
1. CPU to SHRA (38.4kb)
2. SHRA to CPU
LED Must Blink

What am I doing wrong? I can't connect to my computer until I get the correct cable so don't know if that may work.
Thanks,
Bill

739. RE: SO-239 connectors

Yahoo group: foxdelta
Date: 2013-11-05 15:30:51 UTC
From: <ko4nrbs@...>
Topic: 729 Message: 739

The two that came with my Dual Scale Bridge are tight to. I used a PL259 and after plugging it in and out several times the SO239 center conductor loosened up. I guess they need to be exercised. I did like the Teflon insulator. It is solid and tough. The center pin appears to be gold plated so that is a nice touch.
Bill

---In foxdelta@yahoogroups.com, <vu2fd@...> wrote:

Hello Jim

Thank you for info.
I will check my stock for compatibility.
However, so far I havn't heard this problem.

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <jfpainter@...> wrote:

I have built a SWM3 including the RF bridge. The SO-239 connectors included with the bridge don't fit any of my PL-259 plugs. The center conductor receptacle in the 239 is too tight. I have tried a brand new 259 right out of the bag. Still too tight. Has anyone else had this problem? I guess I will have to replace the 239's with Amphenols.

Jim KQ3S

740. RE: GCPU vs. Software

Yahoo group: foxdelta
Date: 2013-11-05 16:17:27 UTC
From: <i2tzk@...>
Topic: 737 Message: 740

Bill
my tests show that you should expect abt 1dB of difference.
Please have a look to the doc "SWRA Measuring without PC" paragraph "Analyze the full scan on PC" for more details.
73's Tony

---In foxdelta@yahoogroups.com, <ko4nrbs@yahoo.com> wrote:

I have scanned my antenna using the AAZ-0713 with both the CPU-0613 and the software on my computer. Should they both read the same SWR or is one a little more accurate than the other?
Thanks,
Bill

741. Re: [foxdelta] RE: SO-239 connectors

Yahoo group: foxdelta
Date: 2013-11-05 17:09:49 UTC
From: Jim Painter
Topic: 729 Message: 741

The problem is, if you twist the PL-259 in order to get it in or out, the inner conductor of the 239 twist which can screw up the inside solder connections.

Sent from my iPad

> On Nov 5, 2013, at 10:30 AM, <ko4nrbs@...m> wrote:
>
> The two that came with my Dual Scale Bridge are tight to. I used a PL259 and after plugging it in and out several times the SO239 center conductor loosened up. I guess they need to be exercised. I did like the Teflon insulator. It is solid and tough. The center pin appears to be gold plated so that is a nice touch.
>
> Bill
>
>
>
> ---In foxdelta@yahoogroups.com, <vu2fd@...> wrote:
>
> Hello Jim
>
>
>
> Thank you for info.
>
> I will check my stock for compatibility.
>
> However, so far I havn't heard this problem.
>
>
>
> 73s/Dinesh Gajjar
>
>
>
>
>
> ---In foxdelta@yahoogroups.com, <jfpainter@...> wrote:
>
> I have built a SWM3 including the RF bridge. The SO-239 connectors included with the bridge don't fit any of my PL-259 plugs. The center conductor receptacle in the 239 is too tight. I have tried a brand new 259 right out of the bag. Still too tight. Has anyone else had this problem? I guess I will have to replace the 239's with Amphenols.
>
> Jim KQ3S
>

742. RE: Re: [foxdelta] RE: SO-239 connectors

Yahoo group: foxdelta
Date: 2013-11-06 02:02:18 UTC
From: <ko4nrbs@...>
Topic: 729 Message: 742

You are correct. I just pulled it in and out being careful not to twist or bend it. It worked ok for me.
Good Luck to all,
Bill

---In foxdelta@yahoogroups.com, <jfpainter@...> wrote:

The problem is, if you twist the PL-259 in order to get it in or out, the inner conductor of the 239 twist which can screw up the inside solder connections.

Sent from my iPad

On Nov 5, 2013, at 10:30 AM, <ko4nrbs@... mailto:ko4nrbs@...> wrote:

The two that came with my Dual Scale Bridge are tight to. I used a PL259 and after plugging it in and out several times the SO239 center conductor loosened up. I guess they need to be exercised. I did like the Teflon insulator. It is solid and tough. The center pin appears to be gold plated so that is a nice touch.
Bill

---In foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com, <vu2fd@...> wrote:

Hello Jim

Thank you for info.
I will check my stock for compatibility.
However, so far I havn't heard this problem.

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com, <jfpainter@...> wrote:

I have built a SWM3 including the RF bridge. The SO-239 connectors included with the bridge don't fit any of my PL-259 plugs. The center conductor receptacle in the 239 is too tight. I have tried a brand new 259 right out of the bag. Still too tight. Has anyone else had this problem? I guess I will have to replace the 239's with Amphenols.

Jim KQ3S

743. RE: GCPU vs. Software

Yahoo group: foxdelta
Date: 2013-11-06 02:05:37 UTC
From: <ko4nrbs@...>
Topic: 737 Message: 743

Thanks Tony!! It's pretty nice being able to actually see in real time what the antenna is doing.
73,
Bill
KO4NR

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

I have scanned my antenna using the AAZ-0713 with both the CPU-0613 and the software on my computer. Should they both read the same SWR or is one a little more accurate than the other?
Thanks,
Bill

744. RE: RE: AAZ-0713A

Yahoo group: foxdelta
Date: 2013-11-05 19:26:25 UTC
From: <zl2tze@...>
Topic: 694 Message: 744

Hello, I had a similar issue with XP and the Net Framework, I to went down the update path and failed.. After many hours of torment I googled how to remove NET Frame COMPLETELY, its not a case of just deleting and starting over. After a complete reload of the Net Framework all was well I started at 1 and went to the latest update.
I knew my analyzer was ok as it fired up on WIN 8 straight off the bench It was a bad file in the Net Framework . Just using WIN delete will not work
search Google to the instruction on how to remove the net framework completely its takes awhile .. Hope this helps..
73 Phillip
ZL2TZE

---In foxdelta@yahoogroups.com, <ve3jpu@...> wrote:

Hello to the group

I am having same problem. I am running XP. I'm just wondering what the most up to date version of .net there is. I down loaded version 4. My unit does work as I have tested it with another member of our club that ordered these units and he is running windows 8. Among our group the people with problems are the ones running XP & windows 7

Randy VE3JPU

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Hello Dinesh and group,

My AAZ-0713A is not recognized by my computers and LED does not light. All voltages and frequency output check okay per instructions. Only jumpers are at H1 and USB Power. Windows XP and Windows 7 have latest .NET installed. No solder bridges or board problems found. Are bridges under sockets possible? Please advise.

73 Will KK4PCV

745. RE: Debugging the AAZ-0912A

Yahoo group: foxdelta
Date: 2013-11-05 18:43:44 UTC
From: <pa2ar.antoon@...>
Topic: 731 Message: 745

Hello Dinesh Gajjar,

I tried with only power connected (in that case the LED is always on, no blinking) to see if my Yaesu FT-857D would pick up any signal.

As I'm not sure which modulation I should try, I tried several, but I don't get any signal between 9 and 11 MHz.

So, assuming that no signal is present at the BNC connector, I checked all components between the DDS module and the BNC connector (see picture in my album).
As I have no possibillity to check coils and capacitors, I checked all combined components for 0 Ohm. E.g. DDS module pin 21 should be 0 Ohm to R10, L1, C10 and C12.
I also checked longer paths, e.g. DDS module pin 21 to C11 should be 0 Ohm (because L1 is a DC shourt) and DDS module pin 21 to ground should be endless (because C11 is open for DC).
When I measured a resistance other than 0 or endless, I wrote down the value to see if the value makes sense.

As it looks like I have no 10MHz signal, I will take the unit to a local HAM to see if he measures any signal and I will let you know. This will probably be next Monday at first (or maybe next week Thursday).

I will update you then.

73's Antoon (PA2AR)

---In foxdelta@yahoogroups.com, <vu2fd@...> wrote:

Hello Antoon
That is fine. Give a try and let us know results.
If any further problems, contact me at esales@foxde...com

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <pa2ar.antoon@...> wrote:

Hello Tony and Dinesh Gajjar,

Thank you very much for your answers! I don't have a frequency counter or oscilloscope, but I will try tonight if my receiver 'hears' anything on (or around) 10MHz.
If not, I will take the unit to a local HAM who has a counter and scope.

From there I will continue testing and let you know the result.

73's Antoon (PA2AR)

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Antoon
to check if DDS is working, that is 10MHz signal is present at bnc it is not necessary to

run the win pgm,
just plug in the usb cable or pwr on the swra.
If counter or oscilloscope are not available, just tune your receiver at 10MHz plug into the swra bnc a short piece of wire (working as an antenna) and search the 10MHz carrier.
Hope to meet you soon on air.

73's Tony

---In foxdelta@yahoogroups.com, <vu2fd@...> wrote:

Hello

Check two things:

1. If 10.00MHZ is present at BNC (without PC connected). DDS module is supplied with kit fully tested. If no signal at BNC, possibilities are:
A. check if 3.3v is present at RFC+Bead on Q1.
B. check all components starting from L1 to R7.

If all ok with parts, possibility is that Q1 is dead. (perhaps static damage) If that is so, let me know at esales@fox..com and I will send you a replacement.

2. If signal is present at BNC, check with a meter for continuity from BNC to C1 and then to AD8307.
With Signal present, if SWR is all the time high, possibility is that AD8307 is damaged or Bad.

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Dear all,

As a new HAM (since 2 months) from the Netherlands, I thought the analyzer would be a great tool when building my first HF antenna.

I bought and built the kit and tested it. It seems to do something but it seems not correct.

- I can connect it to my Win7 PC where it is recognized

- I have successfully upgraded the FW to ´S/w 05.03 - F/w 05.02 - H/w [i2tzk SWRAnalyzer 10bit (v05.02)]´

- Calibrated the unit according the manual
- The LED flashes continuously at a rate of about three to four times per second

But when I run a scan with an antenna connected (I currently only have a 11 meter antenna that has a SWR of 1:1.2 or better on 11m according two another SWR meters), I get a flat line all the way at the top of the graph. A very bad SWR.

When I run a scan without anything connected, I get a kind of line just below a SWR of 10.

When I touch the ground of the analyzer with my finger or with the outer side of the antenna connector, the SWR becomes a flat line in the top again.

To show, I added two screenshots (I hope that works in a mailing list).

If the attachment doesn't work, please check the following links:
http://www.pa2ar.nl/fotos/foxdelta_swr_analyzer/Scan_nothing_connected.png
http://www.pa2ar.nl/fotos/foxdelta_swr_analyzer/Scan_nothing_connected.png
http://www.pa2ar.nl/fotos/foxdelta_swr_analyzer/Scan_antenna_connected.png
http://www.pa2ar.nl/fotos/foxdelta_swr_analyzer/Scan_antenna_connected.png
http://www.pa2ar.nl/fotos/foxdelta_swr_analyzer/About.png
http://www.pa2ar.nl/fotos/foxdelta_swr_analyzer/About.png

Some locals over here suggested me to measure the resistance of the input, to see if that shows strange values. These are the values I measure without power connected:

BNC connector (between center and outside) 64,7Ohm

Over R1 32,7 Ohm
Over R1A 32,6 Ohm
Over R2 32,6 Ohm
Over R2A 32,6 Ohm
Over R3 29,0 Ohm
Over R3A 29,0 Ohm
Over R4 39,6 Ohm
Over R4A 39,6 Ohm
Over R5 53,7Ohm

Over R6 17,5 Ohm

Over R7 64,0 Ohm

Does anybody have an idea about how to proceed and troubleshoot the build?

Thanks in advance for any answer,

Antoon (PA2AR).

746. Re: [foxdelta] RE: RE: AAZ-0713A

Yahoo group: foxdelta
Date: 2013-11-06 02:29:26 UTC
From: Randy Elliott
Topic: 694 Message: 746

Tnx Phillip

Randy
VE3JPU@...

> On Nov 5, 2013, at 2:26 PM, zl2tze@yahoo.com.au wrote:
>
> Hello, I had a similar issue with XP and the Net Framework, I to went down the update path and failed.. After many hours of torment I googled how to remove NET Frame COMPLETELY, its not a case of just deleting and starting over. After a complete reload of the Net Framework all was well I started at 1 and went to the latest update.
>
> I knew my analyzer was ok as it fired up on WIN 8 straight off the bench It was a bad file in the Net Framework . Just using WIN delete will not work
>
> search Google to the instruction on how to remove the net framework completely its takes awhile .. Hope this helps..
>
> 73 Phillip
>
> ZL2TZE
>
>
>
> ---In foxdelta@yahoogroups.com, <ve3jpu@...> wrote:
>
> Hello to the group
>
>
>
> I am having same problem. I am running XP. I'm just wondering what the most up to date version of .net there is. I down loaded version 4. My unit does work as I have tested it with another member of our club that ordered these units and he is running windows 8.
>
> Among our group the people with problems are the ones running XP & windows 7
>
>
>
> Randy VE3JPU
>
>
>
> ---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:
>
> Hello Dinesh and group,

>
>
>
> My AAZ-0713A is not recognized by my computers and LED does not light. All voltages and frequency output check okay per instructions. Only jumpers are at H1 and USB Power. Windows XP and Windows 7 have latest .NET installed. No solder bridges or board problems found. Are bridges under sockets possible? Please advise.
>
>
>
> 73 Will KK4PCV
>
>

747. RE: GCPU vs. Software

Yahoo group: foxdelta
Date: 2013-11-06 02:40:02 UTC
From: <ko4nrbs@...>
Topic: 737 Message: 747

This appears to be an original document and the new versions of the analyzer, software and GCPU are already set up for this, correct?
For example: The need to modify the SWRA board by adding a 470 ohm resistor between pin 16 and pin 17 of the pic 18F2550, installing 2 10k ohm pull up resistors, etc. are now not needed?

I'm running version v5.00 of the software.
73,
Bill

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

Thanks Tony!! It's pretty nice being able to actually see in real time what the antenna is doing.
73,
Bill
KO4NR

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

I have scanned my antenna using the AAZ-0713 with both the CPU-0613 and the software on my computer. Should they both read the same SWR or is one a little more accurate than the other?
Thanks,
Bill

748. RE: GCPU vs. Software

Yahoo group: foxdelta
Date: 2013-11-06 10:39:08 UTC
From: <vu2fd@...>
Topic: 737 Message: 748

Hello Bill

AAZ-0713/0713A hardware requires H3 (short or 470 ohms) and two pull-ups for GCPU data access.

H3, is used to tell processor that data should go as a serial String for GCPU and not as USB.
Pull-ups may be omitted as there are pull-ups already on GCPU. I added pull-ups (2X10K) on AAZ-0713 considering that people may use their own Bluetooth Interface, Graphic CPU etc. where these pull-ups may be omitted.

As AAZ-0713 uses USB lines for communication to BT or GCPU, pull-ups are required, some where on this lines.

For true two system AAZ (USB or Graphic) , you may have a switch at H3 and another switch selecting "Power" USB/D9. This may allow switching between USB and GCPU/BT operation at flip of the switch. In this case simply remove 2X10K pull-ups from AAZ board.(Still D9 Cable must be pulled out for USB Operation)

However, I avoided such switching on the bases to make it simple, save parts, space and make AAZ for defined purpose: USB or Graphic CPU device.

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <ko4nrbs@yahoo.com> wrote:

This appears to be an original document and the new versions of the analyzer, software and GCPU are already set up for this, correct?
For example: The need to modify the SWRA board by adding a 470 ohm resistor between pin 16 and pin 17 of the pic 18F2550, installing 2 10k ohm pull up resistors, etc. are now not needed?

I'm running version v5.00 of the software.
73,
Bill

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

Thanks Tony!! It's pretty nice being able to actually see in real time what the antenna is doing.
73,
Bill
KO4NR

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

I have scanned my antenna using the AAZ-0713 with both the CPU-0613 and the software on my computer. Should they both read the same SWR or is one a little more accurate than the

other?
Thanks,
Bill

749. Performance of AAZ-0912 software

Yahoo group: foxdelta
Date: 2013-11-06 13:33:39 UTC
From: <allen@...>
Topic: 749 Message: 749

My AAZ-0912 functions well, but I have a question about the performance of the 5.00 desktop software.

The User Guide (v4.00, p15) states that the screen will be updated a couple of times per second under the SWR tab. Is this a typo? My experience is that it takes a few seconds to make the trace--i.e., a couple of seconds per trace. If this isn't a typo, then what do you suggest?

73, Al - va3iaw

750. RE: Performance of AAZ-0912 software

Yahoo group: foxdelta
Date: 2013-11-06 14:01:06 UTC
From: <i2tzk@...>
Topic: 749 Message: 750

Gm Al
Sentence "couple of time per second" refers to the time required to plot one step during the scan analysis.
Total time to plot a whole trace is affected by:
- number of points plotted (usually 500 or 600 but one can increase the number if a much more detailed analysis is required or decrease for more speed)
- scan speed (very slow versus fast)
- noise filter value
and of course by the pc performances h/w (video board, size of the screen, processor, ram etc.) as well as s/w (task and background processes).

73's Tony

---In foxdelta@yahoogroups.com, <allen@teamobject.com> wrote:

My AAZ-0912 functions well, but I have a question about the performance of the 5.00 desktop software.

The User Guide (v4.00, p15) states that the screen will be updated a couple of times per second under the SWR tab. Is this a typo? My experience is that it takes a few seconds to make the trace--i.e., a couple of seconds per trace. If this isn't a typo, then what do you suggest?

73, Al - va3iaw

751. Re: [foxdelta] RE: GCPU vs. Software

Yahoo group: foxdelta
Date: 2013-11-06 14:26:44 UTC
From: Bill Smith
Topic: 737 Message: 751

I did add the two switches as you explained here:
For true two system AAZ (USB or Graphic) , you may have a switch at H3 and another switch selecting "Power" USB/D9. This may allow switching between USB and GCPU/BT operation at flip of the switch. In this case simply remove 2X10K pull-ups from AAZ board.(Still D9 Cable must be pulled out for USB Operation)

The addition of the switches works well for me. I do pull out the D9 cable for USB operation.

I didn't add any pull up resistors anywhere as explained below. As you explained they are already on the GCPU and can be omitted.
As AAZ-0713 uses USB lines for communication to BT or GCPU, pull-ups are required, some where on this lines.

I just set the switches as needed depending on whether I am using the GCPU or the USB/Computer. All appears to work very well for me now.

Thank you,
Bill

On Wednesday, November 6, 2013 4:44 AM, "vu2fd@..." <vu2fd@...> wrote:

Hello Bill

AAZ-0713/0713A hardware requires H3 (short or 470 ohms) and two pull-ups for GCPU data access.

H3, is used to tell processor that data should go as a serial String for GCPU and not as USB.
Pull-ups may be omitted as there are pull-ups already on GCPU. I added pull-ups (2X10K) on AAZ-0713 considering that people may use their own Bluetooth Interface, Graphic CPU etc. where these pull-ups may be omitted.

As AAZ-0713 uses USB lines for communication to BT or GCPU, pull-ups are required, some where on this lines.

For true two system AAZ (USB or Graphic) , you may have a switch at H3 and another switch selecting "Power" USB/D9. This may allow switching between USB and GCPU/BT operation at flip of the switch. In this case simply remove 2X10K pull-ups from AAZ board.(Still D9 Cable must be pulled out for USB Operation)

However, I avoided such switching on the bases to make it simple, save parts, space and make AAZ for defined purpose: USB or Graphic CPU device.

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

This appears to be an original document and the new versions of the analyzer, software and GCPU are already set up for this, correct?
For example: The need to modify the SWRA board by adding a 470 ohm resistor between pin 16 and pin 17 of the pic 18F2550, installing 2 10k ohm pull up resistors, etc. are now not needed?

I'm running version v5.00 of the software.
73,
Bill

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

Thanks Tony!! It's pretty nice being able to actually see in real time what the antenna is doing.
73,
Bill
KO4NR

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

I have scanned my antenna using the AAZ-0713 with both the CPU-0613 and the software on my computer. Should they both read the same SWR or is one a little more accurate than the other?
Thanks,
Bill

752. RE: GCPU vs. Software

Yahoo group: foxdelta
Date: 2013-11-06 19:37:09 UTC
From: <ko4nrbs@...>
Topic: 737 Message: 752

Ran the scans again today after calibrating. I had 1.2db difference between the computer scan and the scan using the GCPU. Very close!!
Thank you,
Bill

---In foxdelta@yahoogroups.com, <i2tzk@...> wrote:

Bill
my tests show that you should expect abt 1dB of difference.
Please have a look to the doc "SWRA Measuring without PC" paragraph "Analyze the full scan on PC" for more details.
73's Tony

---In foxdelta@yahoogroups.com, <ko4nrbs@...> wrote:

I have scanned my antenna using the AAZ-0713 with both the CPU-0613 and the software on my computer. Should they both read the same SWR or is one a little more accurate than the other?
Thanks,
Bill

753. Re: [foxdelta] RE: Performance of AAZ-0912 software

Yahoo group: foxdelta
Date: 2013-11-06 17:45:41 UTC
From: Allen Woolfrey
Topic: 749 Message: 753

Thank you. Yes, I thought the speed of the sweep might vary depending on the computer and what it was running.

One "fast" SWR sweep (with the noise filter off) took 17 seconds on a 2.5 GHz, 6GB HP laptop running 64 bit Windows 8.1. Since this is a long way from "several times per second", I wonder if there a setting that I'm missing.

73, Al - va3iaw

On 6 November 2013 09:01, <i2tzk@...> wrote:

>
>
> Gm Al
>
> Sentence "couple of time per second" refers to the time required to plot
> one step during the scan analysis.
>
> Total time to plot a whole trace is affected by:
>
> - number of points plotted (usually 500 or 600 but one can increase the
> number if a much more detailed analysis is required or decrease for more
> speed)
>
> - scan speed (very slow versus fast)
>
> - noise filter value
>
> and of course by the pc performances h/w (video board, size of the screen,
> processor, ram etc.) as well as s/w (task and background processes).
>
>
>
> 73's Tony
>
>
>
>
> ---In foxdelta@yahoogroups.com, <allen@...m> wrote:
>
> My AAZ-0912 functions well, but I have a question about the performance of
> the 5.00 desktop software.
>
> The User Guide (v4.00, p15) states that the screen will be updated a
> couple of times per second under the SWR tab. Is this a typo? My

> experience is that it takes a few seconds to make the trace--i.e., a couple
> of seconds per trace. If this isn't a typo, then what do you suggest?
>
> 73, Al - va3iaw
>
>
>

--
---
allen@...

754. no display

Yahoo group: foxdelta
Date: 2013-11-08 18:45:07 UTC
From: Jim Painter
Topic: 754 Message: 754

I have assembled the FC3. The display has backlite but no display. Does it need firmware down loaded? If I adjust the contrast I get black squares.

Jim.....kq3s

755. R: [foxdelta] no display

Yahoo group: foxdelta
Date: 2013-11-09 05:01:41 UTC
From: i2tzk
Topic: 755 Message: 755

Black squares probably mean that bootloader is active.
Check pin 37 you should have an high level.
If low verify the right pushbutton and resistor 25.
73s Tony

Sent from mobile Tablet SamsungJim Painter <jfpainter@yahoo.com> ha scritto:I have assembled the FC3. The display has backlite but no display. Does it need firmware down loaded? If I adjust the contrast I get black squares.

Jim.....kq3s

756. Re: R: [foxdelta] no display

Yahoo group: foxdelta
Date: 2013-11-10 01:23:34 UTC
From: Jim Painter
Topic: 755 Message: 756

Yeah, pin 37 is high.

Sent from my iPad

> On Nov 9, 2013, at 12:01 AM, i2tzk <i2tzk@...> wrote:
>
> Black squares probably mean that bootloader is active.
> Check pin 37 you should have an high level.
> If low verify the right pushbutton and resistor 25.
> 73s Tony
>
>
>
>
> Sent from mobile Tablet Samsung
>
> Jim Painter <jfpainter@...> ha scritto:
>
> I have assembled the FC3. The display has backlite but no display. Does it need firmware down loaded? If I adjust the contrast I get black squares.
>
> Jim.....kq3s
>

757. 2.5-25KV BUTTERFLY CAPACITOR KITS VA6POP

Yahoo group: foxdelta
Date: 2013-11-10 22:14:06 UTC
From: <pop_vasile@...>
Topic: 757 Message: 757

2.5-25KV BUTTERFLY CAPACITOR http://groups.yahoo.com/neo/groups/foxdelta/conversations/#
KITS VA6POP

I can build for u any air variable capacitors kits
for yours magnetic loop antenna,antenna tuner,HF amplifier

https://www.youtube.com/watch?v=thw0RLOh6zM
www.youtube.com/watch?v=fV-FWFQO6As

www.youtube.com/watch?v=dmZxgmalP9g

http://forums.qrz.com/showthread.php?351604-Butterfly-capacitor-kits-5-15kv

http://www.flickr.com/photos/93005502@N08/page3/

http://forums.qrz.com/showthread.php?378701-2-5-15kv-butterfly-capacitor-kits&p=\
2764980#post2764980

I have kits available for ham radio:

2.5" OD ROTOR
3" OD ROTOR
4" OD ROTOR
5" OD ROTOR
6" OD ROTOR
8" OD ROTOR
10" OD ROTOR

73 de VA6POP!
yo5bzz(at)gmail.com
Location: Calgary,CANADA

758. RE: FD-SPP Serial Port PIC Programmer

Yahoo group: foxdelta
Date: 2013-11-12 19:12:02 UTC
From: <kg6yum@...>
Topic: 30 Message: 758

Does anyone know whether this kit can be operated on a laptop? Thanks.
KG6YUM

---In foxdelta@yahoogroups.com, <donell_oz@...> wrote:

Hi Dinesh,

As per your request, would be happy to share my experience building
this project.

Firstly, a copy of the necessary software should be downloaded from
(http://www.oshonsoft.com/picprogserialsetup.exe)
http://www.oshonsoft.com/picprogserialsetup.exe)for PIC12/16 micro's.

Links on your web page direct to PIC18 software which cannot
program/read the Pic12/16 chips.

To confirm correct operation of serial port and Max232 ic, a loopback
connection can be made on programmer board by removing pre-programmed
Pic and inserting a temporary link between pins 7 and 8 Rx/Tx pins.

With terminal software (Telnet Etc...) serial port can be driven, both
Tx and Rx led's will indicate if port and Max232 are functioning.

Only glitch I encountered during my build of the project (and also on
my own Veroboard prototype) was that the pre-programmed Pic16f628a
seemed to be dead, with no clocking from crystal oscillator.

This was corrected by replacing the ceramic load capacitors (C15,C16)
on crystal oscillator circuit from 22pf to 47pf.

Both programmers are operational and have not missed a beat since!

Hope this information helps!

Kind regards,
Don

759. RE: AAZ-0713 No RF Output

Yahoo group: foxdelta
Date: 2013-11-15 08:01:37 UTC
From: <mikewogden@...>
Topic: 717 Message: 759

All sorted

Dinesh sent me a replacement device for Q1.
I fitted it and all is well.

Now to sort out the 80M legs of my fan dipole as it's way off resonance.
Thanks again for a great service.

Mike G4KXQ

---In foxdelta@yahoogroups.com, <vu2fd@...> wrote:

Hello

Voltage at Q1 are correct. Q1 is a 3.3V device
Most things looks good.

Please check for any possible PCB shorts (usually micro dust etc) from C6 onwards, and around, BNC

Send hardware related points to me at esales or vu2fd@...

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <mikewogden@...> wrote:

Built the kit Ok.
Full comms with the PC but no RF output.
DDS Signal gets as far as the input to Q1 but no output.going to C6.

I note that whilst I have +5V on R8. The voltage has dropped to around 3.5V when the RF choked voltage is connected to Q1.

Could this be the cause of the problem?

No obvious shorts or opens.

ideas please

Thanks

Mike. G4KXQ

760. Inconsistant results

Yahoo group: foxdelta
Date: 2013-11-17 15:47:08 UTC
From: <toclay30286@...>
Topic: 760 Message: 760

I'm not sure if I'm doing something wrong.Upon calibrating the analyzer,it calibrates successfully but when plotting swr the highest the swr goes is 3 to 1 and the 20 meter vertical shows resonance all over the spectrum from 1 to 35 mhz.
Upon trying it with another antenna I get dips across several frequencies but on every scan i get different dips in frequency.
Any suggestions would be appreciated.
Thanks
Thomas,KB4CJD

761. Capacitor C16

Yahoo group: foxdelta
Date: 2013-11-19 00:36:47 UTC
From: <hk5jor@...>
Topic: 761 Message: 761

After put everything together in the board, the capacitor C16 (1uf Tantanlum), blow up, but I don't surrender...

I need know more information about the capacitor, to buy a new one and replace it. Please if someone can help me,

Thank you,

PD: I check everything and look fine, (soldering, correct components in correct plase, etc), but I don't know what is wrong, some suggestions?

thank again

Al.

762. RE: RE: Debugging the AAZ-0912A

Yahoo group: foxdelta
Date: 2013-11-19 07:23:18 UTC
From: <pa2ar.antoon@...>
Topic: 731 Message: 762

Hello Dinesh Gajjar,

It looks like the DDS module is not working.....

We checked and no 10MHz signal is available anywhere on the PCB (where the 20MHz from the clock and the 125MHz from the oscillator are clearly present).

A local HAM who has the same analyzer tested my DDS module on his PCB with no success and his DDS on my PCB with success.

Please let me know how to proceed.

Regards,
Antoon (PA2AR)

---In foxdelta@yahoogroups.com, <pa2ar.antoon@...> wrote:

Hello Dinesh Gajjar,

I tried with only power connected (in that case the LED is always on, no blinking) to see if my Yaesu FT-857D would pick up any signal.

As I'm not sure which modulation I should try, I tried several, but I don't get any signal between 9 and 11 MHz.

So, assuming that no signal is present at the BNC connector, I checked all components between the DDS module and the BNC connector (see picture in my album).
As I have no possibillity to check coils and capacitors, I checked all combined components for 0 Ohm. E.g. DDS module pin 21 should be 0 Ohm to R10, L1, C10 and C12.
I also checked longer paths, e.g. DDS module pin 21 to C11 should be 0 Ohm (because L1 is a DC shourt) and DDS module pin 21 to ground should be endless (because C11 is open for DC).
When I measured a resistance other than 0 or endless, I wrote down the value to see if the value makes sense.

As it looks like I have no 10MHz signal, I will take the unit to a local HAM to see if he measures any signal and I will let you know. This will probably be next Monday at first (or maybe next week Thursday).

I will update you then.

73's Antoon (PA2AR)

---In foxdelta@yahoogroups.com, <vu2fd@...> wrote:

Hello Antoon
That is fine. Give a try and let us know results.
If any further problems, contact me at esales@foxde...com

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <pa2ar.antoon@...> wrote:

Hello Tony and Dinesh Gajjar,

Thank you very much for your answers! I don't have a frequency counter or oscilloscope, but I will try tonight if my receiver 'hears' anything on (or around) 10MHz.
If not, I will take the unit to a local HAM who has a counter and scope.

From there I will continue testing and let you know the result.

73's Antoon (PA2AR)

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Antoon
to check if DDS is working, that is 10MHz signal is present at bnc it is not necessary to run the win pgm,
just plug in the usb cable or pwr on the swra.
If counter or oscilloscope are not available, just tune your receiver at 10MHz plug into the swra bnc a short piece of wire (working as an antenna) and search the 10MHz carrier.
Hope to meet you soon on air.

73's Tony

---In foxdelta@yahoogroups.com, <vu2fd@...> wrote:

Hello

Check two things:

1. If 10.00MHZ is present at BNC (without PC connected). DDS module is supplied with kit fully tested. If no signal at BNC, possibilities are:
A. check if 3.3v is present at RFC+Bead on Q1.
B. check all components starting from L1 to R7.

If all ok with parts, possibility is that Q1 is dead. (perhaps static damage) If that is so, let me know at esales@fox..com and I will send you a replacement.

2. If signal is present at BNC, check with a meter for continuity from BNC to C1 and then to AD8307.
With Signal present, if SWR is all the time high, possibility is that AD8307 is damaged or Bad.

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <foxdelta@yahoogroups.com> wrote:

Dear all,

As a new HAM (since 2 months) from the Netherlands, I thought the analyzer would be a great tool when building my first HF antenna.

I bought and built the kit and tested it. It seems to do something but it seems not correct.

- I can connect it to my Win7 PC where it is recognized

- I have successfully upgraded the FW to ´S/w 05.03 - F/w 05.02 - H/w [i2tzk SWRAnalyzer 10bit (v05.02)]´

- Calibrated the unit according the manual
- The LED flashes continuously at a rate of about three to four times per second

But when I run a scan with an antenna connected (I currently only have a 11 meter antenna that has a SWR of 1:1.2 or better on 11m according two another SWR meters), I get a flat line all the way at the top of the graph. A very bad SWR.

When I run a scan without anything connected, I get a kind of line just below a SWR of 10.

When I touch the ground of the analyzer with my finger or with the outer side of the antenna connector, the SWR becomes a flat line in the top again.

To show, I added two screenshots (I hope that works in a mailing list).

If the attachment doesn't work, please check the following links:
http://www.pa2ar.nl/fotos/foxdelta_swr_analyzer/Scan_nothing_connected.png
http://www.pa2ar.nl/fotos/foxdelta_swr_analyzer/Scan_nothing_connected.png
http://www.pa2ar.nl/fotos/foxdelta_swr_analyzer/Scan_antenna_connected.png
http://www.pa2ar.nl/fotos/foxdelta_swr_analyzer/Scan_antenna_connected.png
http://www.pa2ar.nl/fotos/foxdelta_swr_analyzer/About.png
http://www.pa2ar.nl/fotos/foxdelta_swr_analyzer/About.png

Some locals over here suggested me to measure the resistance of the input, to see if that shows strange values. These are the values I measure without power connected:

BNC connector (between center and outside) 64,7Ohm

Over R1 32,7 Ohm
Over R1A 32,6 Ohm
Over R2 32,6 Ohm
Over R2A 32,6 Ohm
Over R3 29,0 Ohm
Over R3A 29,0 Ohm
Over R4 39,6 Ohm
Over R4A 39,6 Ohm
Over R5 53,7Ohm

Over R6 17,5 Ohm

Over R7 64,0 Ohm

Does anybody have an idea about how to proceed and troubleshoot the build?

Thanks in advance for any answer,

Antoon (PA2AR).

763. RE: Capacitor C16

Yahoo group: foxdelta
Date: 2013-11-19 12:03:25 UTC
From: <mikewogden@...>
Topic: 761 Message: 763

I suspect you wired it in with incorrect polarity.

Remove the remaining bits and check the voltage on U2 pin 20 without the IC inserted. It should be +5V.

Any 1uf Tant with a voltage rating higher than 5V will do. It's just a decoupler.

Regards

Mike G4KXQ

---In foxdelta@yahoogroups.com, <hk5jor@...> wrote:

After put everything together in the board, the capacitor C16 (1uf Tantanlum), blow up, but I don't surrender...

I need know more information about the capacitor, to buy a new one and replace it. Please if someone can help me,

Thank you,

PD: I check everything and look fine, (soldering, correct components in correct plase, etc), but I don't know what is wrong, some suggestions?

thank again

Al.

765. SWM3 firmware issue.

Yahoo group: foxdelta
Date: 2013-11-19 18:20:37 UTC
From: <4z5cp@...>
Topic: 764 Message: 765

Hello group.

I have SWM3 unit and have firmware issue with it.
Sometimes unit powers up and LCD show only black segments on top line.
After firmware (2.07) upload again - unit works fine.
I reprogrammed PIC 3 times.
Anybody had same issue?

Regards.

766. RE: SWM3 firmware issue.

Yahoo group: foxdelta
Date: 2013-11-19 18:31:00 UTC
From: <i2tzk@...>
Topic: 764 Message: 766

Hi
first line of boxes usually means that the bootloader has been activated.
Check pushbuttons on front pannel
Voltage at pin 37 of 18F4550 must high level when pushbutton is released, pressing this button during the power on (low level at pin 37) activates the bootloader.
73 Tony

---In foxdelta@yahoogroups.com, <4z5cp@bezeqint.net> wrote:

Hello group.

I have SWM3 unit and have firmware issue with it.
Sometimes unit powers up and LCD show only black segments on top line.
After firmware (2.07) upload again - unit works fine.
I reprogrammed PIC 3 times.
Anybody had same issue?

Regards.

767. RE: [foxdelta] RE: SWM3 firmware issue.

Yahoo group: foxdelta
Date: 2013-11-19 19:47:02 UTC
From: Dimitry Borzenko
Topic: 764 Message: 767

Hello Tony.

Tnx for answer.

I think also about bootloader, but NO , if bootloader was activated, update program was communicate with unit, but update program do not see any devices.

My friend has same problem, we purchased this kits on same month, 6-7 month ago.

Maybe this is a PIC issue ?

Regards.

-----Original Message-----
From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com] On Behalf Of i2tzk@...
Sent: Tuesday, November 19, 2013 8:31 PM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] RE: SWM3 firmware issue.

Hi

first line of boxes usually means that the bootloader has been activated.

Check pushbuttons on front pannel

Voltage at pin 37 of 18F4550 must high level when pushbutton is released, pressing this button during the power on (low level at pin 37) activates the bootloader.

73 Tony

---In foxdelta@yahoogroups.com, <4z5cp@...> wrote:

Hello group.

I have SWM3 unit and have firmware issue with it.

Sometimes unit powers up and LCD show only black segments on top line.

After firmware (2.07) upload again - unit works fine.

I reprogrammed PIC 3 times.

Anybody had same issue?

Regards.

768. RE: [foxdelta] RE: Capacitor C16

Yahoo group: foxdelta
Date: 2013-11-20 20:57:35 UTC
From: alberto mesa
Topic: 761 Message: 768

Thank you very much for help me with this issues, actually I am a total beginner, was a dummy mistake. I need change for now two capacitor,

I want ask you, this situation could affect others components?
I look now for buy a new capacitor but I cant found easy (try ebay), I have option to replace the capacitor for one similar/

Thank you, again.

V/R

Alberto Mesa.

From: mikewogden@...
To: foxdelta@yahoogroups.com
Date: Tue, 19 Nov 2013 04:03:25 -0800
Subject: [foxdelta] RE: Capacitor C16

I suspect you wired it in with incorrect polarity.

Remove the remaining bits and check the voltage on U2 pin 20 without the IC inserted. It should be +5V.

Any 1uf Tant with a voltage rating higher than 5V will do. It's just a decoupler.

Regards

Mike G4KXQ

---In foxdelta@yahoogroups.com, <hk5jor@...> wrote:

After put everything together in the board, the capacitor C16 (1uf Tantanlum), blow up, but I don't surrender...

I need know more information about the capacitor, to buy a new one and replace it. Please if someone can help me,

Thank you,

PD: I check everything and look fine, (soldering, correct components in correct plase, etc), but I don't know what is wrong, some suggestions?

thank again

Al.

769. USB power supply for the SWM3

Yahoo group: foxdelta
Date: 2013-12-05 15:14:17 UTC
From: Jan Servaites
Topic: 769 Message: 769

Since the only way to power the SWM3 is through the USB connector, here is a neat little & cheap USB power supply.
http://www.mcmelectronics.com/product/28-11625
Jan N8CBX

770. AAZ-0713A and measurements

Yahoo group: foxdelta
Date: 2013-12-09 13:39:18 UTC
From: Michael Walker
Topic: 770 Message: 770

Hi All

I am looking for a tool that I can use for measuring torroids for choke use and for also measuring baluns.

While I am a pretty technical person, I am just not sure how to do something like this? I have done a lot of research on the net, and I have some ideas about how to do the measurements, but not how to interpret them.

I have been attempting to use my Rigexpert 230PRO and importing that data into Zplots. I know have some pretty cool graphs that I can't quite understand. ;)

Would I be able to do similar readings with the AAZ-0713a and Tony's software?

Many thanks for any advice.

73, Mike va3mw

771. Re: [foxdelta] AAZ-0713A and measurements

Yahoo group: foxdelta
Date: 2013-12-09 16:00:44 UTC
From: Jan Servaites
Topic: 770 Message: 771

So, you just want to measure inductance? If so, a LCR meter can easily
do that. Like this one
http://www.digikey.com/catalog/en/partgroup/875b-lcr-meter/12397?WT.srch=1&WT.medium=cpc&W
T.mc_id=IQ62057689-VQ2-g-VQ6-31922847195-VQ15-1t1-VQ16-c
<http://www.digikey.com/catalog/en/partgroup/875b-lcr-meter/12397?WT.srch=1&WT.medium=cpc&
WT.mc_id=IQ62057689-VQ2-g-VQ6-31922847195-VQ15-1t1-VQ16-c>I
have the 875B LCR meter and I love it.
Jan N8CBX

Michael Walker wrote:

>
> Hi All
>
> I am looking for a tool that I can use for measuring torroids for
> choke use and for also measuring baluns.
>
> While I am a pretty technical person, I am just not sure how to do
> something like this? I have done a lot of research on the net, and I
> have some ideas about how to do the measurements, but not how to
> interpret them.
>
> I have been attempting to use my Rigexpert 230PRO and importing that
> data into Zplots. I know have some pretty cool graphs that I can't
> quite understand. ;)
>
> Would I be able to do similar readings with the AAZ-0713a and Tony's
> software?
>
> Many thanks for any advice.
>
> 73, Mike va3mw
>

772. Re: [foxdelta] AAZ-0713A and measurements

Yahoo group: foxdelta
Date: 2013-12-09 17:52:54 UTC
From: Michael Walker
Topic: 770 Message: 772

Thanks Jan

I really want to graph the choking resistance on RF chokes from 0-30Mhz
much like the VNA's do.

This may be beyond the scope of what this device can do.

Mike va3mw

On Mon, Dec 9, 2013 at 11:00 AM, Jan Servaites <jservaites@...>wrote:

>
>
> So, you just want to measure inductance? If so, a LCR meter can easily
> do that. Like this one
>
> http://www.digikey.com/catalog/en/partgroup/875b-lcr-meter/12397?WT.srch=1&WT.medium=cpc
&WT.mc_id=IQ62057689-VQ2-g-VQ6-31922847195-VQ15-1t1-VQ16-c
> I have the 875B LCR meter and I love it.
> Jan N8CBX
>
> Michael Walker wrote:
>
>
> Hi All
>
> I am looking for a tool that I can use for measuring torroids for choke
> use and for also measuring baluns.
>
> While I am a pretty technical person, I am just not sure how to do
> something like this? I have done a lot of research on the net, and I have
> some ideas about how to do the measurements, but not how to interpret them.
>
> I have been attempting to use my Rigexpert 230PRO and importing that
> data into Zplots. I know have some pretty cool graphs that I can't quite
> understand. ;)
>
> Would I be able to do similar readings with the AAZ-0713a and Tony's
> software?
>
> Many thanks for any advice.
>
> 73, Mike va3mw
>
>
>

773. Foxtrak LED colors

Yahoo group: foxdelta
Date: 2013-12-09 21:08:08 UTC
From: <kq2rp.cw@...>
Topic: 773 Message: 773

Hi all,
I'm building a FoxTrak kit. I can't seem to find any indication of which color LEDs go where on the board. Does it matter? I was given two red, one green and one white.

Thanks & 73,
Chris
KQ2RP

774. USB Android Interface for AAZ-0912 and AAZ-0713 Antenna Analyzers

Yahoo group: foxdelta
Date: 2013-12-11 03:48:36 UTC
From: <qwertinsky@...>
Topic: 774 Message: 774

Not sure if this is the place for a feature request. But since you already have the software running on Android how about making it so you can use the USB port on an Android tablet instead of Bluetooth?

775. Splitter/Combiner number of turns on toroids?

Yahoo group: foxdelta
Date: 2013-12-11 21:02:27 UTC
From: <n8oq@...>
Topic: 775 Message: 775

I have received the hybrid splitter/combiner kit. I am wondering what the recommended number of turns should be on the triple and double turn type 43 cores, supplied wire, and the 100 Ohm resistor to be used as a 50-Ohm system? Thanks very much.for any insights on the number of turns and why?

776. SWM3 for QRP.

Yahoo group: foxdelta
Date: 2013-12-20 20:11:15 UTC
From: <roberto.pietrafesa@...>
Topic: 776 Message: 776

Dear friends OM, good evening.
I have build my SWM3 with Dual Scale HF Bridge".
I'm trying to calibrate it, but I have only my FT-817 with its 5 Watt RF power output.
Is there anyone has same SWM3 using with QRP RTX?
I already know there is a special FodDelta SWM3 for QRP, but I would know if anyone use "normal" SWM3 (not QRP) with a QRP RTX.
Thank you very much indeed.

Roberto IZ7VHF

777. FC3 - No backlite and square box display

Yahoo group: foxdelta
Date: 2014-01-04 18:38:11 UTC
From: edventure8946
Topic: 777 Message: 777

Just got around to building this project. First power up and all looked good, adjusted display contrast via P1 and left there for about an hour.
Came back to no backlite and square boxes for display. Have +5 on LCD pin 15 and about 2.5 on 16. Not familiar with workings of LCD display and looking for ideas as to what may be wrong. 73

Ed -

778. Re: [foxdelta] FC3 - No backlite and square box display

Yahoo group: foxdelta
Date: 2014-01-05 18:22:32 UTC
From: Hans Ameel
Topic: 777 Message: 778

Maybe the PC you connected the FC3 to went in standby, and has put the USB-port, that powers the FC3, in a low-power mode?

Does it stay that way when just appieing power to the FC3, by, for example, connect it to a powered USB hub that is not connected to a PC?

73
Hans

On Sat, Jan 4, 2014 at 7:38 PM, edventure8946 <kk4pfq@...> wrote:

>
>
> Just got around to building this project. First power up and all looked
> good, adjusted display contrast via P1 and left there for about an hour.
> Came back to no backlite and square boxes for display. Have +5 on LCD pin
> 15 and about 2.5 on 16. Not familiar with workings of LCD display and
> looking for ideas as to what may be wrong. 73
>
> Ed -
>
>
>

779. Re: FC3 - No backlite and square box display

Yahoo group: foxdelta
Date: 2014-01-09 19:56:49 UTC
From: edventure8946
Topic: 777 Message: 779

Thank you for the reply Hans. I have been working with Dinesh with this problem. It reacts the same with either the USB or 12 volt connected. I'll update when resolved. Thanks

Ed - 73

--- In foxdelta@yahoogroups.com, Hans Ameel <hans.ameel@...> wrote:
>
> Maybe the PC you connected the FC3 to went in standby, and has put the
> USB-port, that powers the FC3, in a low-power mode?
>
> Does it stay that way when just appieing power to the FC3, by, for example,
> connect it to a powered USB hub that is not connected to a PC?
>
> 73
> Hans
>
>
>
> On Sat, Jan 4, 2014 at 7:38 PM, edventure8946 <kk4pfq@...> wrote:
>
> >
> >
> > Just got around to building this project. First power up and all looked
> > good, adjusted display contrast via P1 and left there for about an hour.
> > Came back to no backlite and square boxes for display. Have +5 on LCD pin
> > 15 and about 2.5 on 16. Not familiar with workings of LCD display and
> > looking for ideas as to what may be wrong. 73
> >
> > Ed -
> >
> >
> >
>

780. AAZ-0713A Problems

Yahoo group: foxdelta
Date: 2014-01-11 04:49:37 UTC
From: <on30ng@...>
Topic: 780 Message: 780

I've got problems with my AAZ-0713A. Initial testing shows correct voltages (nominal - USB voltage is around 4.75-4.8).
H1 is shorted.

Power is set for USB.

H3 is open.

I can see the 20 MHz XTAL on the PIC.

I can see the 125 MHz signal on the SMT OSC module.

I can see 9.9999 MHz on the IN side of Q1 but nothing on the OUT side of Q1 (ERA-3SM) - tracing the power down for Q1, I see 4.7-4.8 V on the 'hot' side of R8 (22 ohm) but on the RFC side I only see about 0.43 V and by the time it gets to Q1 it's only 8 mV or so. For whatever reason Q1 is not getting the full supply voltage...

The LED does not light and the computer does not "see" that it's attached unless I touch pin 15 of the PIC chip with a probe.

Computer is Win7 x64 pro, quad core Intel motherboard. I tried 2 different USB ports and 2 different USB cables.

Can someone help me out?

Dan Reynolds - KB9JLO

781. Re: [foxdelta] AAZ-0713A Problems

Yahoo group: foxdelta
Date: 2014-01-11 13:52:59 UTC
From: Hans Ameel
Topic: 780 Message: 781

I have had simmilar experiences.

Note that the manual says to remove one or both of the xtal capacitors if the mcu does not run.

This did not matter in my case however. The supply voltage did seem to matter.
Using an external usb supply that measured at just above 5v the unit worked perfectely.
In the usb sockets of the pc. Voltage is about 4.8 volts and i get no function or communication.

Success!
Op 11-jan.-2014 08:05 schreef <on30ng@gmail.com>:

>
>
> I've got problems with my AAZ-0713A. Initial testing shows correct
> voltages (nominal - USB voltage is around 4.75-4.8).
>
> H1 is shorted.
>
> Power is set for USB.
>
> H3 is open.
>
> I can see the 20 MHz XTAL on the PIC.
>
> I can see the 125 MHz signal on the SMT OSC module.
>
> I can see 9.9999 MHz on the IN side of Q1 but nothing on the OUT side of
> Q1 (ERA-3SM) - tracing the power down for Q1, I see 4.7-4.8 V on the 'hot'
> side of R8 (22 ohm) but on the RFC side I only see about 0.43 V and by the
> time it gets to Q1 it's only 8 mV or so. For whatever reason Q1 is not
> getting the full supply voltage...
>
> The LED does not light and the computer does not "see" that it's attached
> unless I touch pin 15 of the PIC chip with a probe.
>
> Computer is Win7 x64 pro, quad core Intel motherboard. I tried 2 different
> USB ports and 2 different USB cables.
>
> Can someone help me out?
>
> Dan Reynolds - KB9JLO
>

>

782. Help with hyperterminal FV3

Yahoo group: foxdelta
Date: 2014-01-13 15:53:24 UTC
From: <py3ol@...>
Topic: 782 Message: 782

Hi..

I have probem to config Foxview3 with hyperterminal...

WB8WGA MODEMLESS TNC V 1.08 Mod For use With MX614
Type HELP for Info

cmd:
?
cmd: D
?
cmd: I
?
cmd: S
?
cmd: P
?
cmd:

Cable nullmodem 235 x 325 pins and 48008N1

Any help ?

Alan

783. AAZ-0713A Antenna Analyser

Yahoo group: foxdelta
Date: 2014-01-18 13:37:15 UTC
From: <tony.interalia@...>
Topic: 783 Message: 783

Before Christmas I purchased two of these kits and a friend and I have been puzzling why they neither of ours work. We are both experienced at electronic assembly.

My friend and I both elected to have the DDS chip presoldered but recent examination under stereo microscopes has show that neither kit had properly soldered DDS chips. There are pins that quite clearly move when touched with a fine pointer.

We both presume this to be contributory to the kits not working. While we appreciate that everyone has a bad day now and then, and the Fox Delta staff member doing the soldering is just as human as the rest of us, I'm wondering how best to resolve the situation please.

Kind regards
Tony

784. RE: AAZ-0713A Antenna Analyser

Yahoo group: foxdelta
Date: 2014-01-19 14:08:08 UTC
From: <vu2fd@...>
Topic: 783 Message: 784

Hello
You may contact me at esales@foxdelta.com with date of purchase and we will send you a replacement DDS.
73s/Dinesh Gajjar

785. RE: AAZ-0713A Antenna Analyser

Yahoo group: foxdelta
Date: 2014-01-19 17:02:28 UTC
From: <tony.interalia@...>
Topic: 783 Message: 785

Many thanks. An email has been sent. This covers both DDS modules (in the two kits)

Kind regards
Tony

786. AAZ-0713a and the bluetooth module

Yahoo group: foxdelta
Date: 2014-01-30 06:52:48 UTC
From: <maryalanab@...>
Topic: 786 Message: 786

Got everything assembled fine, analyzer works great via USB. When I try to use it via bluetooth al that works is the signal generator. It will not do a scan for SWR. Tried everything I could think of, Bluetooth is talking to 713a just fine because I can use it as a signal generator. When I touch scan it acts like it is starting then does nothing, just sits there. I am stumped at this point. Does the same on my Droid 3 and on my Samasung 10.1 tablet.

787. 713 antenna analyzer bluetooth won't scan but generator works

Yahoo group: foxdelta
Date: 2014-01-30 04:53:33 UTC
From: <maryalanab@...>
Topic: 787 Message: 787

I have the AAZ-0713a analyzer up and running fine on my computer. I also built the bluetooth module to use it out in the field and it will not scan the swr. The signal generator part of the software works fine but no swr scan. I am stumped.

788. Bluetooth issue with AAZ-912A

Yahoo group: foxdelta
Date: 2014-01-29 01:59:56 UTC
From: <mokiman_210@...>
Topic: 788 Message: 788

My newly assembled AAZ-0912A SWRA is working very well when tested with the Windows Analyzer SW (FW/SW versions are 5.0 or better) and connected via USB. The Bluetooth module also works as far as connecting with a terminal program on my Android tablet and being recognized by the Android analyzer software. The loopback function in the terminal program works as required but the analyzer software shows nothing when initiating a scan. I removed the loopback shorting plug on the BT module but when I do that the "Scan" button is greyed out even though the software reports that it's connected (HC-05). I have added the 470 resistor to terms 16 & 17 on the mc as req'd by the instructions. What am I missing?

Any help would be much appreciated.

Curt

789. Need Help! SWM3 USB Dark Square Blocks no Backlight!

Yahoo group: foxdelta
Date: 2014-01-23 18:05:07 UTC
From: <dh3rd@...>
Topic: 789 Message: 789

if i connect the device tu USB isnt recognized by my W7 System and shows me a dark Display with Square Blocks on the first line!
I dont know the last Firmware Version i used or anything else!
Any Ideas to fix?

790. RE: Bluetooth issue with AAZ-912A

Yahoo group: foxdelta
Date: 2014-02-01 08:42:13 UTC
From: <maryalanab@...>
Topic: 788 Message: 790

Rotate the cell phone or tablet and the scan button will activate, weird glitch. But mine still won't do a scan on my 713a

791. RE: Bluetooth issue with AAZ-912A

Yahoo group: foxdelta
Date: 2014-02-01 16:39:54 UTC
From: <mokiman_210@...>
Topic: 788 Message: 791

Right. I discovered this also but even though the SCAN button functioned, I still did not get a scan. I've done some experimenting since and verified that USB signals are getting to the 0912's cpu but there's no response. I linked to the Bluetooth module using Realterm (I think) in Windows and verified that the module is communicating with 9600,n,8,1 port settings. Too bad the Windows Analyzer software can't communicate with the Analyzer via Bluetooth.

792. FD- AAZ-0912A

Yahoo group: foxdelta
Date: 2014-02-14 09:18:34 UTC
From: Roy Stenberg
Topic: 792 Message: 792

Hi I got my kit (FD- AAZ-0912A) about 4days ago and started building immediately .
When I was done I tested the analyzer and it was not 100% so I took it to work and got some help
to measure 10Mhz.
I got a signal but it was extremely weak , then I checked the analyzer and R8 was very “hot” .

I measured R8, one side close to5V it was 4.9V and other side (rfc) it was 0.8V so I think that Q1 is shortcircuited .

I can´t find any Q1 (ERA-3SM) in Sweden so is there any other I can use in this analyzer or can I by a new one from Fox-Delta ?

Many Thanks
SM4VLG Roy

793. RE: FD- AAZ-0912A

Yahoo group: foxdelta
Date: 2014-02-14 10:23:47 UTC
From: <vu2fd@...>
Topic: 792 Message: 793

Hello

Yes, no problem. Looks like Q1 is dead.
You may contact for a replacement at esales@foxdelta.com.
Just give me your date of purchase and replacement part required.

73s/Dinesh Gajjar

794. RE: Bluetooth issue with AAZ-912A

Yahoo group: foxdelta
Date: 2014-02-15 23:40:36 UTC
From: <mokiman_210@...>
Topic: 788 Message: 794

Made some progress with the Bluetooth module. On the chance that my original HC-05 was defective, I replaced it with a newer HC-06. This module seems to be working well as far as communicating with the AAZ-0912A analyzer, and the SWA Analyzer software (on a Samsung Galaxy Note 10.1) finds it with no problems. I now see the LED blinking on the analyzer board when the software links up via Bluetooth. But, it still will not produce a scan. Digging around, I found that I2TZK has a newer version of the Android software (now V1.03) which I downloaded and installed. STILL no scan. Getting frustrated I hooked a digital frequency meter to the output of the analyzer to see what was happening. When I first plugged it up I get 10.0 MHz as I expected. After the Android analyzer software linked to it the frequency seemed to wander around but as soon as I hit the SCAN button the output freq locked to the start frequency for the scan selected in the software and never changed. Clearly, the analyzer and software are communicating but not properly.

I tried the "Generator" function and that works perfectly. The output frequency matches exactly whatever you set in the software Generator Frequency window.

I may be wrong but the problem seems to be in the Android analyzer software. Tony (I2TZK) do you monitor this forum and if so, can you take a look at the Android SWR analyzer software?

Thanks

795. RE: Bluetooth issue with AAZ-912A

Yahoo group: foxdelta
Date: 2014-02-16 13:45:07 UTC
From: <i2tzk@...>
Topic: 788 Message: 795

Hi, please let me know
1) is your SWRA properly working when connected to PC no BT but using the USB cable ?
2) after updating the f/w to v1.03 did you calibrate the unit as reccomended by the user manual (Android v1.03 Par 2.1) ?

Thanks, 73's Tony

796. RE: [foxdelta] RE: Bluetooth issue with AAZ-912A

Yahoo group: foxdelta
Date: 2014-02-16 05:32:51 UTC
From: tom armour
Topic: 788 Message: 796

Yes you need android app 1.03 for it to work. Along with at least firmware 5.02
I am using firmware v5.02, software version 5.03 on windows and android version 1.03 with my home brew Bluetooth interface board with a HC-05 module.

You only need a HC-05 device which is slave only. The HC-06 can be a master or a slave. You do not want it in master mode, but should work fine in slave mode (I haven't tried it).

Have you tried getting a PC to communicate to the AAZ device via Bluetooth instead of USB? That would be a good test.
Both my PC and Android devices (two actually: Motorola droid original and razr) scan with the AAZ.

73 - Tom - wa4ta

From: mokiman_210@yahoo.com
To: foxdelta@yahoogroups.com
Date: Sat, 15 Feb 2014 15:40:36 -0800
Subject: [foxdelta] RE: Bluetooth issue with AAZ-912A

Made some progress with the Bluetooth module. On the chance that my original HC-05 was defective, I replaced it with a newer HC-06. This module seems to be working well as far as communicating with the AAZ-0912A analyzer, and the SWA Analyzer software (on a Samsung Galaxy Note 10.1) finds it with no problems. I now see the LED blinking on the analyzer board when the software links up via Bluetooth. But, it still will not produce a scan. Digging around, I found that I2TZK has a newer version of the Android software (now V1.03) which I downloaded and installed. STILL no scan. Getting frustrated I hooked a digital frequency meter to the output of the analyzer to see what was happening. When I first plugged it up I get 10.0 MHz as I expected. After the Android analyzer software linked to it the frequency seemed to wander around but as soon as I hit the SCAN button the output freq locked to the start frequency for the scan selected in the software and never changed. Clearly, the analyzer and software are communicating but not properly.

I tried the "Generator" function and that works perfectly. The output frequency matches exactly whatever you set in the software Generator Frequency window.

I may be wrong but the problem seems to be in the Android analyzer software. Tony (I2TZK) do you monitor this forum and if so, can you take a look at the Android SWR analyzer software?

Thanks

797. RE: Bluetooth issue with AAZ-912A

Yahoo group: foxdelta
Date: 2014-02-17 01:55:32 UTC
From: <mokiman_210@...>
Topic: 788 Message: 797

1) The SWRA works perfectly when connected directly to the USB port on my Windows computer (same cable used to connect to the BT module). Used it this afternoon to do some tuning on my 80M Windom.

2) the SWRA has been calibrated and tested using the the Windows Analyzer software latest version (5.03).

The 470-ohm resistor was added to the board as described in the BT manual.

I have monitored the output of the SWRA connected to a dummy load while attempting to scan using BT and the Android software. When I touch the Scan button the output freq of the SWRA immediately changes to the starting frequency of the scan, say 3.250MHz for the 80M band scan, but never changes after that and the scan never ends. I have to hit the Stop button to end it. No scan is produced on the display. When I use the Android software's "Generate" function the SWRA output will change and match whatever frequency I set on the "Generate" screen.

Thanks!

798. RE: Bluetooth issue with AAZ-912A

Yahoo group: foxdelta
Date: 2014-02-19 06:50:46 UTC
From: <maryalanab@...>
Topic: 788 Message: 798

My 713 is doing the same, I just downloaded and installed the latest version and no scan but the generator works fine. One quirk is if I change the scan frequencies I have to rotate the phone from landscape to portrait or vice versa.

799. SWRA Bluetooth problems

Yahoo group: foxdelta
Date: 2014-02-24 09:26:53 UTC
From: <i2tzk@...>
Topic: 799 Message: 799

Hi all
few SWRA users alerted me that they are not able to start scanning their BT Android device.
I've succesfully tested the program on my Samsung MiniGalaxy and on TAB2 P3110 Android V4.1.2 . Up to now i'm not able to duplicate that fault condition.
It is very very hard for me to debug it because i cannot trace an error condition that i cannot create.
I suspect fault is coming from a communication bad timing due to a different h/w implementation of the Android devices.
So i decided to rewrite from scratch the communication protocol.
Please be patient, any help is very welcome.

Thanks Curt and all of you that are helping my "blind" debug, appreciate very much.
Tony

800. RE: SWRA Bluetooth problems

Yahoo group: foxdelta
Date: 2014-02-27 03:51:55 UTC
From: <maryalanab@...>
Topic: 799 Message: 800

If this helps it doesn't work on a Droid II running Android 2.3.4, and it won't run on a samsung Note 10.1

801. Re: Mini TNC setup problem

Yahoo group: foxdelta
Date: 2014-02-27 03:09:48 UTC
From: <doppleganger871@...>
Topic: 412 Message: 801

Hm... I'm having the same issues. I wonder if I need to change out some resistors on mine, too. R7 was never included on mine due to a design change (according to the docs).

73, Jay

802. Re: Mini TNC setup problem

Yahoo group: foxdelta
Date: 2014-03-08 05:01:58 UTC
From: <doppleganger871@...>
Topic: 412 Message: 802

I tried swapping the 100ohm for 1kohm resistors on mine, still won't initialize. I think it's dead. Everything else is in the right spot.

803. RE: FD- AAZ-0912A

Yahoo group: foxdelta
Date: 2014-03-08 16:46:11 UTC
From: <royen60@...>
Topic: 792 Message: 803

Hi !
I got the replacement and soldered in place and now my analyzer works perfect !
On my desktop everything is fine but in my Eee Pc I get "SWR analyzer unit not found" so it seems that there is some files missing in my Eee pc .
Many thanks for a very nice tool and very good support , I will be happy to show it to my friends and recomend your kits .

Many thanks !
SM4VLG Roy

804. AAZ-0713 Not working properly

Yahoo group: foxdelta
Date: 2014-03-09 02:24:03 UTC
From: <savery1966@...>
Topic: 804 Message: 804

I just finished assembling this kit. The tests check out OK, and I get a 10 mhz tone just fine.

However, SWR measurement is erroneous.

When attempting to measure the SWR of my dummy load (previously checked with other analyzers) i get an SWR that is very high at the low end (1 Mhz) and 1.1 elsewhere.

805. AAZ-0713A incorrect measurement

Yahoo group: foxdelta
Date: 2014-03-09 02:36:56 UTC
From: <savery1966@...>
Topic: 805 Message: 805
Attachments: 1 described; binary payloads are missing from this source WARC

When I finished my kit, I installed the software and calibrated the unit.

When I hooked up to a 50 ohm dummy load, this is what I got.

806. Re: [foxdelta] AAZ-0713A incorrect measurement [1 Attachment]

Yahoo group: foxdelta
Date: 2014-03-09 02:46:58 UTC
From: Randy Elliott
Topic: 805 Message: 806

Have you checked the cabling & connectors between the analyzer and the dummy load?

Randy Elliott VE3JPU
Technical Director
South Pickering Amateur Radio Club Inc.
Box 53
Pickering, Ontario, Canada
L1V 2R2
905-427-6853
ve3jpu@...
Skype: scruffdog

On Mar 8, 2014, at 9:36 PM, savery1966@... wrote:

[Attachment(s) from savery1966@... included below]
When I finished my kit, I installed the software and calibrated the unit.

When I hooked up to a 50 ohm dummy load, this is what I got.

807. Re: [foxdelta] AAZ-0713A incorrect measurement [1 Attachment]

Yahoo group: foxdelta
Date: 2014-03-09 02:48:41 UTC
From: Randy Elliott
Topic: 805 Message: 807

Have you checked the cabling & connectors between the analyzer and the dummy load?

Randy Elliott VE3JPU
Technical Director
South Pickering Amateur Radio Club Inc.
Box 53
Pickering, Ontario, Canada
L1V 2R2
905-427-6853
ve3jpu@...
Skype: scruffdog

On Mar 8, 2014, at 9:36 PM, savery1966@... wrote:

[Attachment(s) from savery1966@... included below]
When I finished my kit, I installed the software and calibrated the unit.

When I hooked up to a 50 ohm dummy load, this is what I got.

808. RE: AAZ-0713A incorrect measurement

Yahoo group: foxdelta
Date: 2014-03-09 20:39:57 UTC
From: <savery1966@...>
Topic: 805 Message: 808
Attachments: 2 described; binary payloads are missing from this source WARC

I have attached two photos. one shows the analyzer hooked up directly as possible to the dummy load. the other shows a sweep of my working G5RV antenna.

809. AAZ-0912A

Yahoo group: foxdelta
Date: 2014-03-10 03:38:39 UTC
From: Albert Richard K5AJR
Topic: 809 Message: 809
Attachments: 2 described; binary payloads are missing from this source WARC

just built the AAZ-0912A after fitting the H1 jumper it works fine

810. RE: AAZ-0713A incorrect measurement

Yahoo group: foxdelta
Date: 2014-03-10 07:46:01 UTC
From: <earlytorise@...>
Topic: 805 Message: 810

My experience with sweeping antennas vesus dummy loads with the FD-AAZ-0912 has shown similar results. I assumed that rf signals the antenna picks up interfere with a proper reading.

811. Re: [foxdelta] RE: AAZ-0713A incorrect measurement

Yahoo group: foxdelta
Date: 2014-03-10 15:55:57 UTC
From: Jan Servaites
Topic: 805 Message: 811

That could be very true. On some scans of my vertical antenna, the scan display is full of noise, and I think that is from an AM broadcast transmitter station near by. I haven't tried a high pass filter yet in my antenna line to see if that eliminates the noise.
Jan N8CBX

earlytorise@... wrote:

>
>
> My experience with sweeping antennas vesus dummy loads with the
> FD-AAZ-0912 has shown similar results. I assumed that rf signals the
> antenna picks up interfere with a proper reading.
>
>

812. aaz-0912a

Yahoo group: foxdelta
Date: 2014-03-10 16:21:02 UTC
From: Albert Richard K5AJR
Topic: 812 Message: 812

did a lot of testing last night the AAZ-0912A does not agree with my MFJ so which one is correct??

813. Fox Delta Email Contact

Yahoo group: foxdelta
Date: 2014-03-15 14:34:00 UTC
From: <adrian.iley@...>
Topic: 813 Message: 813

Hello all,

I'm getting email bounces from Fox Delta saying their quota is full and was wondering how I can get in contact with a question I have regarding purchasing a kit.
I have a question regarding a kit (FC3) and how to go about requesting the free Extension Board Kit. I'm unable to see any option to request the free kit on the 2checkout website.

The message I just got back after sending an email last night was:
Sorry, we were unable to deliver your message to the following address.

<esales@foxdelta.com mailto:esales@foxdelta.com>:
Remote host said: 550 Mailbox quota exceeded [RCPT_TO]

73s,
Adrian

814. Re: Fox Delta Email Contact

Yahoo group: foxdelta
Date: 2014-03-15 16:31:25 UTC
From: <vu2fd@...>
Topic: 813 Message: 814

Hello Mail box is ok now.
I regret for this. You may contact me on esales@foxdelta.com anytime
Regards/Dinesh Gajjar

815. FC3 Maximum Input Specs?

Yahoo group: foxdelta
Date: 2014-03-15 20:43:51 UTC
From: Adrian Iley
Topic: 815 Message: 815

Hello All,

I'm wondering if anyone knows if there are any maximum input specs for the FC3 (eg. input wattage range)? I'd like to avoid blowing up the FC3 when I get one, and want to know if I need to hook up any attenuation and/or termination to make it work correctly. For example, there are some other FCs out there that include a load and say they can handle up to 50W.

73s,
- Adrian

816. Re: FC3 Maximum Input Specs?

Yahoo group: foxdelta
Date: 2014-03-16 11:44:37 UTC
From: <i2tzk@...>
Topic: 815 Message: 816

Adrian
FC3 is a frequency counter plus a low pwr rf meter.
Max pwr that can be safely applied at the input is 0dBm = 1mW

Please explain us what you want exactly to measure frequency? power? resonance?

73's Tony

817. Re: FC3 Maximum Input Specs?

Yahoo group: foxdelta
Date: 2014-03-16 17:50:52 UTC
From: <adrian.iley@...>
Topic: 815 Message: 817

I want to use it to measure both power and frequency. Main use will be as a freq counter, with occasional power measurement. I currently have various transmitters from 500mW through 4W which I'd like to connect through coax to test frequency and output power. Sounds like for the 4W I'd need to hook up my variable attenuator and attenuate by 36 dB, or more.

In all cases I'd want to make sure I wouldn't be damaging the unit.

818. AAZ-0713A assembly tips sheet

Yahoo group: foxdelta
Date: 2014-03-20 19:30:50 UTC
From: <timothyhickman@...>
Topic: 818 Message: 818

Hi I just started building the AAZ-0713A which looks like fun kit.
The "Some assembly tips" sheet has a low toner white stripe down it and is unreadable.
Is there a source on line for this sheet or is there a way someone could post a .pdf?
Any other source of tips on jumpers ect. I should look at?
Thanks
Tim
N3JON

819. AAZ-0713A Assembly tips

Yahoo group: foxdelta
Date: 2014-03-20 23:58:21 UTC
From: Timothy Hickman
Topic: 819 Message: 819

Hi,
I just started to build the AAZ-0713A and the Assembly tips: Sheet that
came with the kit us not readable.
There is a wide stripe of no toner down the middle.
Is there a copy on line?
If not could someone scan and send an image or .pdf of theirs please.
Finally does anyone have tips I should know about?
The kit looks like a lot of fun.
Thanks
Tim
N3JON

820. Antenna analyser questions

Yahoo group: foxdelta
Date: 2014-03-21 09:04:49 UTC
From: Stephen Farthing
Topic: 820 Message: 820

Hi guys,

Thanks very much for the great USB tuner kit. I made some box end plates up for mine from aluminium to stop gremlins and RF getting inside. Some PCB stock would work just as well. If you want to do the same do not mount the LED flush to the board. Mount it away from the board by about one cm then turn the body of the LED through 90 degrees so it can peep out of a hole you drill in your end plate.

A couple of questions. Firstly the LED blinks at a different rate depending on function. Is this documented anywhere? Secondly i am interested in using the analyser to measure return loss against frequency for filter evaluation. Looking at the schematic i think this should be possible if the firmware and PC software support this. Does it? If not would it be possible to amend it to do so?. My first thoughts were to make a separate microcontroller based power meter for this using a separate Ad8307 and a TI MSP430 (sorry i dont understand PICs) and logging the results in a file for processing in Exel. But may be I dont need to do this.

73s Steve G0XAR

821. Re: Antenna analyser questions

Yahoo group: foxdelta
Date: 2014-03-21 10:25:33 UTC
From: <i2tzk@...>
Topic: 820 Message: 821

Hi Steve
here is the flashing code table (ref to the doc "SWR Analyzer What Is new v5.03") LED blinking code

Led ON
USB cable plugged in, HID device recognized and driver loaded by Windows
3 fast flash
SWRA board has been recognized and connected by the SWRA.exe Windows program
Continuous fast flash
A scan cycle is running

Using SWRA to characterize a filter is described by "Cap 10.1 Characterize a 50 ohm Filter" of the User Manual.
You'll find both documents in the download section of my website www.i2tzk.com
http://www.i2tzk.com
73's Tony

---In foxdelta@yahoogroups.com, <squirrox@gmail.com> wrote :

Hi guys,

Thanks very much for the great USB tuner kit. I made some box end plates up for mine from aluminium to stop gremlins and RF getting inside. Some PCB stock would work just as well. If you want to do the same do not mount the LED flush to the board. Mount it away from the board by about one cm then turn the body of the LED through 90 degrees so it can peep out of a hole you drill in your end plate.

A couple of questions. Firstly the LED blinks at a different rate depending on function. Is this documented anywhere? Secondly i am interested in using the analyser to measure return loss against frequency for filter evaluation. Looking at the schematic i think this should be possible if the firmware and PC software support this. Does it? If not would it be possible to amend it to do so?. My first thoughts were to make a separate microcontroller based power meter for this using a separate Ad8307 and a TI MSP430 (sorry i dont understand PICs) and logging the results in a file for processing in Exel. But may be I dont need to do this.

73s Steve G0XAR

822. Re: foxdelta

Yahoo group: foxdelta
Date: 2014-03-21 14:04:29 UTC
From: <on30ng@...>
Topic: 799 Message: 822

Tony, I'm having the issue with the Motorola Droid Razr Max. I'm going to investigate further and also try a tablet and another old phone that I have. I will let you know what I find out.

Thanks for working on this.

Dan -- KB9JLO

823. Re: SWRA Bluetooth problems

Yahoo group: foxdelta
Date: 2014-03-21 14:14:29 UTC
From: <on30ng@...>
Topic: 799 Message: 823

I may have missed something - is the 470 ohm resistor between pins 16 & 17 of the PIC required if you have the AAZ-0713A? I've already removed the (2) pull-up resistors as it wouldn't work on USB-PC without it.
If you install the 470 ohm resistor will it continue to work fine with a USB-PC?
Thanks.
Dan -- KB9JLO

824. Re: SWRA Bluetooth problems

Yahoo group: foxdelta
Date: 2014-03-22 01:31:22 UTC
From: <vu2fd@...>
Topic: 799 Message: 824

hello

AAZ-0713A
For USB: Power header at "USB" and place a remove short at Pin 16 and 17
For GCPU: Power header at "D9" and place a short at PIN 16 and 17 (or 470 ohms resistor)
For BT : Power header at "USB" and place a short at PIN 16 and 17 (or 470 ohms resistor)

Pull-ups R13/14 are not to be installed. I have supplied printed papers along with kits which specify this. They are only required if someone wish to use own add-on GCPU or other external unit. Our GCPU already have these resistors in them. Same goes for BT add-on.

73s/Dinesh Gajjar

825. Re: [foxdelta] Re: SWRA Bluetooth problems

Yahoo group: foxdelta
Date: 2014-03-22 03:53:47 UTC
From: Timothy Hickman
Topic: 799 Message: 825

Hi Dinesh,
For the Bluetooth adapter is it better to use a 470 ohm resistor as in
the documentation or just short PIN 16 & 17?
Or does it totally not matter?
Tim
N3JON

On 3/21/2014 21:31, vu2fd@... wrote:
>
> AAZ-0713A
> For USB: Power header at "USB" and place a remove short at Pin 16 and 17
> For GCPU: Power header at "D9" and place a short at PIN 16 and 17 (or
> 470 ohms resistor)
> For BT : Power header at "USB" and place a short at PIN 16 and 17 (or
> 470 ohms resistor)
>
> Pull-ups R13/14 are not to be installed. I have supplied printed
> papers along with kits which specify this. They are only required if
> someone wish to use own add-on GCPU or other external unit. Our GCPU
> already have these resistors in them. Same goes for BT add-on.
>
> 73s/Dinesh Gajjar

826. Re: [foxdelta] Re: SWRA Bluetooth problems

Yahoo group: foxdelta
Date: 2014-03-22 10:46:29 UTC
From: <vu2fd@...>
Topic: 799 Message: 826

Hello

I suggest you use a 470 ohms resistor instead of a short.
However, it works well for me either way.

73s/Dinesh Gajjar

827. Bluetooth interface

Yahoo group: foxdelta
Date: 2014-03-24 08:59:14 UTC
From: <i2gda@...>
Topic: 827 Message: 827

I am waiting to receive my AAZ-0713 kit with Bluetooth interface . Is there a way to use it with IPhone ? If not for now, will be possibile to have an App in the future? Tnx Gino I2GDA

828. Re: [foxdelta] Re: SWRA Bluetooth problems

Yahoo group: foxdelta
Date: 2014-03-24 16:21:43 UTC
From: Timothy Hickman
Topic: 799 Message: 828

*Wat is the status of **Fox Delta providing the Bluetooth Module for the
**AAZ-BT-0813 interface Partial KIT.
I bought the one listed from Ebay and it lasted a minute before dieing.
Thanks
Tim
N3JON*

829. Re: [foxdelta] Re: SWRA Bluetooth problems

Yahoo group: foxdelta
Date: 2014-03-25 12:32:12 UTC
From: <vu2fd@...>
Topic: 799 Message: 829

Hello I do have few in stock. All are good and we have tested many working for days. May be you got one particular bad piece.

If you like one from me, please contact me at esales@foxdelta.com

73s/Dinesh Gajjar

830. SWR bridge VHF / UHF

Yahoo group: foxdelta
Date: 2014-03-28 04:14:31 UTC
From: SAM DA SILVA
Topic: 830 Message: 830

Hi there ,i have been waiting for a reply from dinesh about the vhf/uhf bridges and availability of pcbs.
Does anybody know whats happening regarding these?

Much appreciated

Regards

Samuel

831. SWM3 max power

Yahoo group: foxdelta
Date: 2014-03-27 12:01:57 UTC
From: <roberto.pietrafesa@...>
Topic: 831 Message: 831

Dear friends, good morning.
I have an SWM3. It is rated for 100W, but on website I have read that you can apply 1 or 2 kW.
Is there anyone that have tried to apply that power level? (1 or 2 kW).
I would like to know if it is real SWM3 can support so much power.
Thank you very much indeed.
Roberto

832. Re: [foxdelta] SWM3 max power

Yahoo group: foxdelta
Date: 2014-03-28 15:11:31 UTC
From: Jesus Rivas
Topic: 831 Message: 832

Hola Roberto,

Yo tengo el swm3 con la sonda dual y le he aplicado 1kw sin problemas.
Lo único que es necesario es que la sonda sea dual o esté calibrada a esa potencia maxima, ya que si no está calibrada en el software y en la propia sonda mediante los potenciómetros la medida no será correcta.

Un saludo, Jesús.

EA4EP

Enviado desde mi GT-I9300.
El 28/03/2014 16:07, <roberto.pietrafesa@...> escribió:

>
>
> Dear friends, good morning.
>
> I have an SWM3. It is rated for 100W, but on website I have read that you
> can apply 1 or 2 kW.
>
> Is there anyone that have tried to apply that power level? (1 or 2 kW).
>
> I would like to know if it is real SWM3 can support so much power.
>
> Thank you very much indeed.
>
> Roberto
>
>

833. st2 and g-5500 problems

Yahoo group: foxdelta
Date: 2014-04-04 10:23:02 UTC
From: <vx5@...>
Topic: 833 Message: 833

hello all this is my first post here

I have a ST2 and a yaesu g-5500, I am having problems setting it up as a 450deg/180deg unit.
I have followed the info here
http://www.foxdelta.com/products/satellite/st2/st2-setup-guide.pdf
http://www.foxdelta.com/products/satellite/st2/st2-setup-guide.pdf and the written to eprom at the end I get a strange problem the rotator and the st2 both show 450 deg if i move the rotator left ccw the display on the st2 does not move from 450 deg, the meter on the g-5500 is moving left ok, when i get to around 340deg on the meter of the g-5500 then the display on the st2 starts to count down.

this is also happening with the elevation side if i set the rotator to 180 deg the meter and the display both say 180 if i move the elevation using either the button on the st2 or the rotator the meter counts down but the st2 does not. very strange.

So i thought i would try and set this up as a 90deg elevation and 360deg azimuth setup this works :) the rotator and st2 are in sync for both elevation and azimuth. but this is not the case when i try and do it for 180/450

so does anyone have any idea what might be wrong

many thanks

Bob G1SAA

834. K7 question

Yahoo group: foxdelta
Date: 2014-04-05 01:30:09 UTC
From: CyclingSoldier
Topic: 834 Message: 834

I have a FoxEcho K7, and in testing works fine with my desktop radio, but when I switch the jumper to HT and connect to an HT, the Xmit gets hung. I'm using a cable with the resistor and capacitor as one would normally use with a TNC. Is that not needed in this instance? Would I be better off just using regular audio cables for use with an HT?

73,

Jack KE4LWT

--

835. AAZ-0713A not working

Yahoo group: foxdelta
Date: 2014-04-15 22:02:57 UTC
From: <bowtieguy@...>
Topic: 835 Message: 835

Voltages Good Can not find any bridges
Light steady with power and no software
Light flashes with software running
Can read and update firmware
Software always shows swr "inf" for full spectrum
My freq counters read 80 - 90 mhz regardless of what the 713A is generating or during a scan.

My AD9850 looks dirty/copperish on SM chip legs
H1 is shorted
H3 is open

Only running via USB, no LCD/CPU

Where can I start to attempt to diagnose this?

Thanks, Jeff

839. Re: Frequency Counter FC-2A no freq adjustment

Yahoo group: foxdelta
Date: 2014-04-16 18:32:21 UTC
From: <cortj2@...>
Topic: 206 Message: 839

---In foxdelta@yahoogroups.com, <mrstanley@...> wrote :

I tried to calibrate my FC-2A and adjusting the C9/A trimmer capacitor does not change the frequency. I am using a laboratory standard 10.000 mhz source. The frequency stays at 10.00072 mhz and will not move. What are some ideas to fix this problem?

841. Re: AAZ-0713A not working

Yahoo group: foxdelta
Date: 2014-04-17 01:31:52 UTC
From: Albert Richard K5AJR
Topic: 835 Message: 841

OK I have found on power pin 2 of U1 but had power plus side of C3 was not getting power on both sides of the board had to clean the trace and lay down some solder to get power to U1 this happened on two different kits hope this helps..

842. AAZ-0713A extended frequency up to 6meters

Yahoo group: foxdelta
Date: 2014-04-24 01:11:10 UTC
From: <spaceghostone@...>
Topic: 842 Message: 842

Hello, a friend of mine said it may work up to 6meter frequencies. What do you have to change to get it to go that high?

Have a great day.

James KC9KTV

843. Re: Frequency Counter FC-2A no freq adjustment

Yahoo group: foxdelta
Date: 2014-04-24 12:17:17 UTC
From: <vu2fd@...>
Topic: 206 Message: 843

Hello Remove 22pf Fix cap which is in parallel to trimmer. It may increase its effect. Some commercial crystals simply wont move much with trimmer caps as their internal capacitance may be too large
Regards/Dinesh Gajjar

844. RE: [foxdelta] AAZ-0713A extended frequency up to 6meters

Yahoo group: foxdelta
Date: 2014-04-24 13:08:34 UTC
From: tom armour
Topic: 842 Message: 844

James,
I have the older model (before the aaz-0713a was offered). I am not sure if the changed parts.
Although not officially supported mine works fine for me up to 54MHz.
I had to change the Max frequency in the config and re-calibrate.
Also, if you don't have it I recommend the BlueTooth interface for both PC and Android.
Tom - wa4ta

From: spaceghostone@...
To: foxdelta@yahoogroups.com
Date: Wed, 23 Apr 2014 18:11:10 -0700
Subject: [foxdelta] AAZ-0713A extended frequency up to 6meters

Hello, a friend of mine said it may work up to 6meter frequencies. What do you have to change to get it to go that high?

Have a great day.

James KC9KTV

845. Re: [foxdelta] AAZ-0713A extended frequency up to 6meters

Yahoo group: foxdelta
Date: 2014-04-24 13:03:24 UTC
From: Randy Elliott
Topic: 842 Message: 845

Hi James
If you manually enter the Frequency for your sweep (lower/Upper) in the 50 to 53 mhz range it should accept it. I have done it and it has worked.

Randy Elliott VE3JPU
Technical Director
South Pickering Amateur Radio Club Inc.
Box 53
Pickering, Ontario, Canada
L1V 2R2
905-427-6853
ve3jpu@me.com

On 2014-04-23, at 9:11 PM, spaceghostone@... wrote:

Hello, a friend of mine said it may work up to 6meter frequencies. What do you have to change to get it to go that high?

Have a great day.

James KC9KTV

846. Re: AAZ-0713A extended frequency up to 6meters

Yahoo group: foxdelta
Date: 2014-04-24 14:49:16 UTC
From: <vu2fd@...>
Topic: 842 Message: 846

Hello

Please go to setup menu and input "stop" frequency around 60MHZ.
Then, go to scan menu and it will go to 60MHZ

Please note that AD9850 may go to half of OSC (125/2=65MHZ) in most cases but some chips may not go beyond 50 or 60MHZ.

Regards/Dinesh Gajjar

847. Re: AAZ-0713A extended frequency up to 6meters

Yahoo group: foxdelta
Date: 2014-04-26 01:26:08 UTC
From: <cortj2@...>
Topic: 842 Message: 847

I have a FD-FC 2A that i have finished. When i put 12v the only thing happening is the back light comes on. can someone lead me to the next step. I would like to use it for my Swan 270. the IF is 5.5. Thank you in advance KC5THP Jose.

848. FC2

Yahoo group: foxdelta
Date: 2014-04-26 03:39:57 UTC
From: <vu2fd@...>
Topic: 842 Message: 848

Hello

Adjust LCD contrast preset and you will see figures coming up on LCD

Regards/Dinesh Gajjar

849. RE: K7 question

Yahoo group: foxdelta
Date: 2014-04-26 22:09:03 UTC
From: Jack Smith
Topic: 834 Message: 849

I never heard back on this. Is anyone out there using the K7 with an HT? And if so, how did you interface it?

73,
Jack KE4LWT

From: CyclingSoldier [mailto:cyclingsoldier@...]
Sent: Friday, April 4, 2014 9:30 PM
To: foxdelta@yahoogroups.com
Subject: K7 question

I have a FoxEcho K7, and in testing works fine with my desktop radio, but when I switch the jumper to HT and connect to an HT, the Xmit gets hung. I'm using a cable with the resistor and capacitor as one would normally use with a TNC. Is that not needed in this instance? Would I be better off just using regular audio cables for use with an HT?

73,
Jack KE4LWT
--

850. Re: AAZ-0713A extended frequency up to 6meters

Yahoo group: foxdelta
Date: 2014-04-26 18:32:36 UTC
From: <spaceghostone@...>
Topic: 842 Message: 850

Thank you for the information on how to get it to cover 6m, just waiting for my order to come so I can put it together.

One more question, I have a Droid Razr Maxx and have downloaded the app for using the analyzer, but can’t figure out how to install it on the phone, can anyone help me with this also?

Have a great day.

James B. Beckner KC9KTV

851. Re: [foxdelta] FC2

Yahoo group: foxdelta
Date: 2014-04-27 13:24:45 UTC
From: Jose Cortinas
Topic: 842 Message: 851

thanks

On Saturday, April 26, 2014 3:40 AM, "vu2fd@..." <vu2fd@...> wrote:

Hello

Adjust LCD contrast preset and you will see figures coming up on LCD

Regards/Dinesh Gajjar

852. RE: [foxdelta] Re: AAZ-0713A extended frequency up to 6meters

Yahoo group: foxdelta
Date: 2014-04-28 04:18:23 UTC
From: tom armour
Topic: 842 Message: 852

You need to put the phone in developer mode so you can install apps that are not from the store. Download the app to the phone via web or USB and run the app from the download directory and it will install.
Let me know if you need further help. I have it working on my Droid Razr Maxx.
Tom - wa4ta

From: spaceghostone@...
To: foxdelta@yahoogroups.com
Date: Sat, 26 Apr 2014 11:32:36 -0700
Subject: [foxdelta] Re: AAZ-0713A extended frequency up to 6meters

Thank
you for the information on how to get it to cover 6m, just waiting for my order
to come so I can put it together.

One
more question, I have a Droid Razr Maxx and have downloaded the app for using
the analyzer, but can’t figure out how to install it on the phone, can anyone
help me with this also?

Have a great day.

James B. Beckner KC9KTV

853. AAZ-0713A Assembled

Yahoo group: foxdelta
Date: 2014-05-06 02:32:28 UTC
From: <spaceghostone@...>
Topic: 853 Message: 853

Hello, would like to thank everyone that answered my question on this antenna analyzer and installing the software on my phone.

Received the two kits today and assembled and tested them on my phone and computer. this analyzer will make adjusting my HF6V Butternut a lot easier than using my mfj269.

The work that project and design crew was great. I assembled everything in about 4 hours and it all worked the first time.

Now if they could design one to go from 50MHZ to 500Mhz I would buy it in a heartbeat.

The money I spent on these two kits was well worth it in the time I will save using it.

Have a great day everyone.

James KC9KTV

854. R-14 in a kit AAZ-912A

Yahoo group: foxdelta
Date: 2014-05-08 10:41:03 UTC
From: <jmmendicoa@...>
Topic: 854 Message: 854

Hi friends i am Jose Mendicoa from Valencia Venezuela.In March i ordered my AAZ_-912a antenna analizer Kit.Every thing went right i assembled and tested and i think is a great kit thath works as promissed .
The only thing is thath in the case of R-14 i received a litle plastig bag marked in the outside with a label "680 ohms" but i received a 620 ohms resistor .
I mounted it and the kit worked very well.If There was a mistake thetn i must correct it or you knew of this and the kit can use 620 value as well ?
Great kit and works from the very beginning.
Jose Mendicoa YY-4-MBL Valencia Venezuela

855. Re: R-14 in a kit AAZ-912A

Yahoo group: foxdelta
Date: 2014-05-08 12:01:46 UTC
From: <vu2fd@...>
Topic: 854 Message: 855

Hello

Thank you for telling me this. Must be a packing mistake but value wise, very acceptable alternative!!
680 or 620 are ok as its a series resistor for LED and will not make any problem.

Regards/Dinesh Gajjar

856. New HF 100W Balanced Bridge for SWM3/4

Yahoo group: foxdelta
Date: 2014-05-14 15:17:50 UTC
From: vu2fd@...
Topic: 856 Message: 856

Hello, GE,

A new project of balanced 100W HF Bridge is uploaded.
Its called HFB3 which uses minimum components and a dule hole fair-rite #43 material core and a Tendam bridge. Good to 100W maximum as the core size is small.

Please visit project page at:

Fox Delta HF 100W Balanced S Tendam Type SWR BRIDGE: By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD http://www.foxdelta.com/products/hfb3.htm

http://www.foxdelta.com/products/hfb3.htm

Fox Delta HF 100W Balanced S Tendam Type SWR BR...
http://www.foxdelta.com/products/hfb3.htm Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta

View on www.foxdelta.com http://www.foxdelta.com/products/hfb3.htm
Preview by Yahoo

later, a 1KW version will be made.

73s/Dinesh Gajjar

857. new member with questions

Yahoo group: foxdelta
Date: 2014-05-17 15:32:40 UTC
From: johnaburton@...
Topic: 857 Message: 857

Hi to the group, I just found out about Fox Delta web site. I ordered the SWR analyzer and the RF Meter / Counter. I have been following the PHSNA yahoo group (Poor Ham Scalar Network Analyzer). I have build the first round of the project.

Now for the questions.

after looking at the SWR Analyzer (FD-AAZ-0912) it appears to have most of the functionality of the PHSNA. I was wondering if I removed the Return Loss bridge components and replace it with a RF out BNC at 50 ohms and a RF input BNC at 50 ohms that I use it as a Scalar Network Analyzer?

The driving reason for wanting to do this is I like what I have seen and read about the PC software part of (FD-AAZ-0912). Once I get my (FD-AAZ-0912) kit built and a chance to check out the window software part I will know it I want to continue to try and convert the (FD-AAZ-0912) into a Scalar Network Analyzer

Next question is it possible to buy U2 (PIC18F2550 / 2553) pre programed?

I am thinking of taking the best of two projects and combining into one, or if Fox Delta would make a Scalar Network Analyzer kit I would interested in one.

73, John kg9dk

858. Re: [foxdelta] new member with questions

Yahoo group: foxdelta
Date: 2014-05-17 17:34:36 UTC
From: Jan Servaites
Topic: 857 Message: 858

Well, I think it is a scalar network analyzer. Doesn't it just indicate resistive impedance ("R" real component) and not indicating reactance ("+jX" or "-jX" complex component). There's a pretty good explaination about this in this month's (June 2014) QST, on page 41, titled "The J factor".
Jan N8CBX

johnaburton@... [foxdelta] wrote:

>
>
> Hi to the group, I just found out about Fox Delta web site. I ordered
> the SWR analyzer and the RF Meter / Counter. I have been following
> the PHSNA yahoo group (Poor Ham Scalar Network Analyzer). I have
> build the first round of the project.
>
>
> Now for the questions.
>
>
> after looking at the SWR Analyzer (FD-AAZ-0912) it appears to
> have most of the functionality of the PHSNA. I was wondering if I
> removed the Return Loss bridge components and replace it with a RF out
> BNC at 50 ohms and a RF input BNC at 50 ohms that I use it as a
> Scalar Network Analyzer?
>
>
> The driving reason for wanting to do this is I like what I have seen
> and read about the PC software part of (FD-AAZ-0912). Once I get my
> (FD-AAZ-0912) kit built and a chance to check out the window software
> part I will know it I want to continue to try and convert the
> (FD-AAZ-0912) into a Scalar Network Analyzer
>
>
> Next question is it possible to buy U2 (PIC18F2550 / 2553) pre programed?
>
>
> I am thinking of taking the best of two projects and combining into
> one, or if Fox Delta would make a Scalar Network Analyzer kit I would
> interested in one.
>
>
> 73, John kg9dk
>
>

>
>
>

859. Re: foxdelta

Yahoo group: foxdelta
Date: 2014-05-18 17:53:36 UTC
From: jab3739@...
Topic: 857 Message: 859

Hi Jan,
I am new to Scalar Network Analyzer, but I think the way they works is you sweep a RF signal at the input of a DUT (device under test) and feed the out put of the DUT back into the Scalar Network Analyzer which with software will give you a response curve of the DUT.

By using a external Return Loss Bridge with the Scalar Network Analyzer you can measure SWR. That is what got me thinking of using the Fox Delta SWR Analyzer as a Scalar Network Analyzer by removing the build in Return Loss Bridge it has. It is probably not that simple, I was hoping that maybe some has done just that. Like said before I have been following the PHSNA yahoo group and their circuit is very similar to the Fox Delta SWR Analyzer circuit.

Thanks for the tip on the QST article
john kg9dk

860. Re: foxdelta

Yahoo group: foxdelta
Date: 2014-05-19 07:56:57 UTC
From: Stephen Farthing
Topic: 799 Message: 860

Guys,

For some basics see here :- http://www.ni.com/white-paper/11640/en/

As it stands the software for the antenna analyser kit allows you to do many of the things that a network analyser does, for example measure the performance of RF filters. This is probably enough for the majority of amateurs home brewing HF projects. Take a look through the instructions. If you want something for VHF and low end microwave work with a lot more facilities you could do worse than buy an SDR_kits VNWA .

72 Steve G0XAR

861. Filter analysis problems

Yahoo group: foxdelta
Date: 2014-05-19 12:57:18 UTC
From: morfor73@...
Topic: 861 Message: 861

I am trying to use my antenna analyzer to analyze/build some lp filters and I am having some difficulties. The main problem is that I have not found a way to set a benchmark. I have no lp filter of a known response since I have built all that I am working with and the ones I have do not have the response that I expect. I have built a couple of filters from kits and followed carefully the instructions but the filters show cutoff frequencies that are too low. Anyone know how I can establish a known good filter?

Thanks,
Morris, KC1BAA

862. miniTNC level

Yahoo group: foxdelta
Date: 2014-05-20 02:15:57 UTC
From: Robert
Topic: 862 Message: 862

Hi All.

Would someone out there know approx what level should I have coming out of my radio for the minitnc to work.

Robert

863. Re: Need Help! SWM3 USB Dark Square Blocks no Backlight!

Yahoo group: foxdelta
Date: 2014-05-21 16:05:58 UTC
From: davidmatic@...
Topic: 789 Message: 863

Hi, i had your same issue. You need to rewrite PIC . Probably it's no possible via the SWM3 USB but you need an external PIC programmer. You can found the FULL hex to reload on Fox Delta site. It's no important what was your old version, use the last firmware available. I hope this help you!

73's de IK7HTB Dave

864. Mini TNC

Yahoo group: foxdelta
Date: 2014-05-25 04:19:10 UTC
From: Robert
Topic: 392 Message: 864

Quick question.

Can a mini tnc, as a digipeater go through a second mini tnc?

Robert

865. Re: Mini TNC

Yahoo group: foxdelta
Date: 2014-05-25 23:48:35 UTC
From: rbaker@...
Topic: 392 Message: 865

Further to my question.

This what Im trying to do::

Trying to set up a second foxdelta mini tnc standalone digipeater, but at present can rx ok, but when tx, nothing.

There are one to 2 other digipeathers (depending on the path) after this my first tnc (foxdelta tnc) before it hits the igate, so if I add another tnc further away from the igate, meaning 3 or 4 hops now before hitting igate.

Will this work, or not, if so do I have to change any settings in any of the tnc. Etc

Regards

Robert
Vk2kgv

866. swm3 problem

Yahoo group: foxdelta
Date: 2014-05-26 19:08:33 UTC
From: drbird90@...
Topic: 866 Message: 866

Just completed swm3 kit with dual bridge. swm3 appears to function correctly including pc interface and control. I am unable to make any adjustment to calibration of dual bridge. all adjustments and readings are full scale- high or low scale. I looked at documents for alignment and I set rv1 so tp1 value is zero. I checked resistant across the two test points d1 and d2 and got the .2 ohms resistance. the other values are off because i think I have the pots turned way off trying to find a value that works. I can get the 22k value on forward circuit by adjusting rv3.

looks like i get about 2.5v at pin 3 of data cable and 1.06 v at pin2 of the pic chip. doesn’t matter if I kick relays in for high range (hear the relays click) or swap ant. and tx. inputs the meter always reads 201w or 2010w depending on scale. checked the rfc chokes values on the forward side of bridge and the diode appears to check like a normal diode. reset the swm3 with the internal reset switch and restarted the computer app several times. Not sure what values I should see on pin 3 of data cable or at pin 2 of PIC chip to know where to look for issue.

Any help appreciated.

thanks,
Dennis

868. Fill in or Wide Area

Yahoo group: foxdelta
Date: 2014-05-27 09:59:41 UTC
From: Robert
Topic: 868 Message: 868

Hey All.

My final question with reference to the Mini TNC is::

Is it a full Wide Area Digi, or only a fill in Digi, or both.

If it can do either, what are the best config setup for both.

Thanks for your assistance.

Robert

869. Changing Callsigns

Yahoo group: foxdelta
Date: 2014-06-02 06:46:49 UTC
From: rbaker@...
Topic: 869 Message: 869

Hi All.

Here is a good one that hopefully someone help me with.

I have set up a mini TNC as a digipeater. The radio is a motorola gm328 vhf. The system started running last Wednesday, on Sunday I noticed the callsign had change from VK2KGV-3 to VK2HGV-3, but it only appear to tx once or twice. and today when I checked the system today, the callsigned changed again from VK2KGV-3 to VK2KKV-3, this is very strange, any ideas why the mini tnc would do this.

Thanks in advance.

Robert
VK2KGV

870. Re: Fill in or Wide Area

Yahoo group: foxdelta
Date: 2014-06-02 06:47:42 UTC
From: rbaker@...
Topic: 868 Message: 870

All fixed.

Thanks
Robert

871. Re: Mini TNC

Yahoo group: foxdelta
Date: 2014-06-02 06:52:16 UTC
From: rbaker@...
Topic: 392 Message: 871

Thanks for all the help.

Fixed

Robert

872. swm3 bridge input voltage

Yahoo group: foxdelta
Date: 2014-06-04 16:27:17 UTC
From: drbird90@...
Topic: 872 Message: 872

answering my own question. The 385 2.5 supplies the reference voltage for comparing voltage from bridge(s).
mine was grounded via non used 3rd pin for some reason. cut off unused pin allowing the 2.5v ref voltage to be applied to pic chip. all works fine now.

thanks,
Dennis

873. Vixen PLD with gps

Yahoo group: foxdelta
Date: 2014-06-10 13:00:59 UTC
From: mm6rpb@...
Topic: 873 Message: 873

Hi.
I have built my vixen pld and it is working fine without gps.
I have built it into an AKD 2001 Radio with plenty of rf screening.
However i would like to use it as a portable digipeater which reports it's GPS position every 20 mins in case it gets stolen from a remote site.
When i set gps en switch and connect gps it doesn't transmit gps posit.
my gps uses 4800 baud and outputs $GPRMC sentences.
I have 4800.hex loaded and can config fine with pc.
I have set GPS= $GPRMC in vixen pld config and beacon every 20.
How does the vixen send gps posit?
Is it an extra packet or part of BTEXT?
do i need to set something special in BTEXT?
73 and thanks in advance.
Bob.

874. Re: Vixen PLD with gps

Yahoo group: foxdelta
Date: 2014-06-11 01:11:49 UTC
From: vu2fd@...
Topic: 873 Message: 874

Hello Bob

You have not mentioned if "GPS" header (or DIP switch) has a shorting pin or not.
GPS is enabled only when GPS header is shorted.

I will check VixenPLD design and let you know what may be the case.

73s/Dinesh Gajjar

875. Re: Vixen PLD with gps

Yahoo group: foxdelta
Date: 2014-06-16 15:00:46 UTC
From: mm6rpb@...
Topic: 873 Message: 875

Hi. as mentioned in my first post, gps enable dip switch is set.
I tried a different GPS and it now works fine.
Not sure what the problem was but all working now.
Cheers Dinesh.

876. FC4 500MHZ Freq Counter and RF Meter for PC or GCPU

Yahoo group: foxdelta
Date: 2014-06-19 12:18:54 UTC
From: vu2fd@...
Topic: 876 Message: 876

GD

A new project FC4, an add-on for Infinity project, a 500MHZ RF meter and Frequency counter is uploaded at:

Foxdelt Project "INFINITY": PIC18F2550 500MHZ Frequency Counter and RF Meter By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD http://www.foxdelta.com/products/fc4.htm

http://www.foxdelta.com/products/fc4.htm

Foxdelt Project "INFINITY": PIC18F2550 500MHZ ... http://www.foxdelta.com/products/fc4.htm
Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta

View on www.foxdelta.com http://www.foxdelta.com/products/fc4.htm
Preview by Yahoo

FC4 is designed to work with PCs or GCPU. A special PC software / WIN7 developed by Tony/I2TZK will be available for download

Kits will be available by end of this month.

73s/Dinesh Gajjar

877. GCPU No Display

Yahoo group: foxdelta
Date: 2014-06-20 01:39:56 UTC
From: ve3hdj@...
Topic: 877 Message: 877

I have built the AAZ-0713A and have successfully used it with my antenna systems. I am very pleased with the product and the results. I have also built the GCPU-0613 but have a problem with nothing displayed on the screen. Quck preliminary tests do show data (scoped) on the data lines going to the display board. Also when attaching the AAZ and moving the jumper to power from DB and shorting H3 moving the encoder dial does affect the led blinking on the AAZ board so I am assuming that I do have communication to the AAZ board. When I plug the GCPU to a computer USB port I get no reaction from the computer that a USB interface has been plugged in. My next step is to confirm the proper voltages for the display pins for contrast. The back light leds do function when the dial is turned. Any suggestions for testing would be appreciated.

878. GCPU and AAZ

Yahoo group: foxdelta
Date: 2014-06-20 01:48:01 UTC
From: vu2fd@...
Topic: 878 Message: 878

Hello

For GCPU to work well with AAZ, please make sure:

1. USD/D9 header is at D9 (AAZ)
2. H3 is shorted (AAZ)
3. look at DIP switch position at GCPU (refer to DIP switch Doc)

Its important that DIP switch setting (as per document) is selected prior to powering GCPU because processor in GCPU "read" DIP switches at start up only.

GCPU USB port is not configured except for bootloader purpose. Means, there is no communication possible with GCPU thru its USB Port. (No software yet made)

If nothing on LCD of GCPU, you may also look at Contrast preset setting (its 10 turn preset)

73s/Dinesh Gajjar

879. Re: GCPU and AAZ

Yahoo group: foxdelta
Date: 2014-06-20 21:13:17 UTC
From: ve3hdj@...
Topic: 878 Message: 879

Dinesh,
Thank you for the update. Yes I had the jumpers and the switches in the proper positions before powering up the unit. I will be scoping the signals to the LCD to verify the proper signals and voltages. Will have to download the spec sheet for the display first.

73 Dick VE3HDJ

880. Re: GCPU and AAZ

Yahoo group: foxdelta
Date: 2014-06-21 12:40:58 UTC
From: ve3hdj@...
Topic: 878 Message: 880

Dinesh,
I have resolved the problem and it was the contrast setting as you suggested. Found some documemtation on line that indicated the voltage on pin 3 of the display should be more than -3.5 for the blue version of the GLCD and -7.5 volts for the green version. Adjusted the voltage to just over -3.5 and everthing is fine. Do find that the debounce caps are needed. Works like a charm. Thanks to all who created the project.

73 de VE3HDJ Dick

881. AAZ-0713A part FB1 ?

Yahoo group: foxdelta
Date: 2014-06-22 19:49:08 UTC
From: ken4798@...
Topic: 881 Message: 881

Hi ...

Just received my kit for AAZ-0713A and started assembly. I can see in the pictures that FB1 is a longer bead and even on the parts list is called out as a separate part with a qty of 4 smaller ferrite beads labeled just FB ... but ... in my kit, all I got was a bag of 5 of the smaller beads labelled F.Beads ....

Will the smaller bead also work for FB1 ?

Thanks

-- Ken / N4CEI

882. Re: AAZ-0713A part FB1 ?

Yahoo group: foxdelta
Date: 2014-06-23 16:02:33 UTC
From: duwayne@...
Topic: 881 Message: 882

I just put mine together yesterday. The single FB was the same size as the 4 in the other bag. Everything works fine on mine.
73
DuWayne KV4QB

883. Re: AAZ-0713A part FB1 ?

Yahoo group: foxdelta
Date: 2014-06-23 17:55:22 UTC
From: ken4798@...
Topic: 881 Message: 883

thanks much ....

-- Ken / N4CEI

884. AAZ-0713A software calibration

Yahoo group: foxdelta
Date: 2014-06-24 20:34:07 UTC
From: ken4798@...
Topic: 884 Message: 884

Pardon my ignorance if I missed this somewhere ....

In doing the calibration if the analyzer, it appears that the calibration values are carried with the software and not with the analyzer ? In particular I am referencing the generator calibration value.

I brought the box into work where I have lab grade equipment and am able to calibrate the generator pretty closely but is there any way I can take that calibration back home with me ? Maybe a config file or register value ?

Thanks

-- Ken / N4CEI

885. Re: AAZ-0713A software calibration

Yahoo group: foxdelta
Date: 2014-06-25 14:22:43 UTC
From: duwayne@...
Topic: 884 Message: 885

I took a look at where the calibration data is stored. The application used the registry to store the program settings and cal data. It is under [HKEY_CURRENT_USER\Software\FoxDelta\SWR Analyzer].

If you are not familiar with working with the registry here are some simple instructions to creating a .reg file with the data that can be imported back into another computer.

XP [Start] [Run] type regedit and [Enter]
Win 7 [Start] type regedit in the search box [Enter]

System will ask if you want to Run Registry Editor [Yes]
In Regedit

Edit > Find
Find What SWR Analyzer this is case sensitive check only keys
[Enter]

This should bring you to the SWR Analyzer key and all of its Values

Right click on this key and select export.
Select location (Desktop) Give it a name (SWRAnalyzer) or something else descriptive.
Export Range should be Selected Branch [Save]
Exit regedit

If you used the same name and location as I did, there should be a file named SWRAnalyzer.reg on your Desktop. Double click this file. You should be prompted asking if you want to allow Registry Editor to make changes to your computer [Yes} and then to confirm [Yes] and finally a notice that values have been changed[OK].

You can copy this file from one computer to another to move calibration settings. Or possibly make multiple configuration files for different frequency sweeps or different display options.

Hope this helps

73
DuWayne KV4QB

---In foxdelta@yahoogroups.com, <ken4798@...> wrote :

Pardon my ignorance if I missed this somewhere ....

In doing the calibration if the analyzer, it appears that the calibration values are carried with the software and not with the analyzer ? In particular I am referencing the generator calibration value.

I brought the box into work where I have lab grade equipment and am able to calibrate the generator pretty closely but is there any way I can take that calibration back home with me

? Maybe a config file or register value ?

Thanks

-- Ken / N4CEI

886. Re: AAZ-0713A software calibration

Yahoo group: foxdelta
Date: 2014-06-25 14:36:54 UTC
From: i2tzk@...
Topic: 884 Message: 886

Hi DuWayne

you're correct the SWR Bridge calibration data are stored into the Windows Registry to allow a very granular (if needed) analisys.
The calibration average is also stored into the non volatile memory of the 18F2550, this to allow a correct (also if less precise) analisys running the bridge with the GLCD unit (no PC !!).
So moving the bridge to a different PC you must redo the calibration process.

Generator calibration is stored only into the eeprom of the pic, no need to run it again moving to a second pc.
Notice that the Xtal/Oscillator is almost precise so unless you need to generate a signal controlling the Hz resolution, for the standard antenna analisys you do not need any calibration.

73's Tony, i2tzk

887. Re: AAZ-0713A software calibration

Yahoo group: foxdelta
Date: 2014-06-25 15:42:35 UTC
From: ken4798@...
Topic: 884 Message: 887

Thanks Tony ...

The generator part is exactly what I was hoping for ... perfect!

Really nice tool ...

-- Ken / N4CEI

888. FC4 Freq Counter + RF Meter for PC or GCPU

Yahoo group: foxdelta
Date: 2014-07-04 06:02:05 UTC
From: vu2fd@...
Topic: 888 Message: 888

Hello OM,

FC4-0614 Project is complete and full information with schematic, parts list and firmware/software, is uploaded at:

https://www.foxdelta.com/products/fc4.htm https://www.foxdelta.com/products/fc4.htm

FC4-0614 kits are also available.

73s/Dinesh Gajjar

889. Re: AAZ-0713A extended frequency up to 6meters

Yahoo group: foxdelta
Date: 2014-07-04 23:12:41 UTC
From: morfor73@...
Topic: 842 Message: 889

I am trying to get my unit to work on 6 meters. I have read this thread and I cannot find any where in setup to put a stop frequency for the scan. I changed the max frequency in the generator settings and the generator seems to accept that higher frequency but not the scan top frequency.

Thanks,
Morris, KC1BAA

890. Re: [foxdelta] Re: AAZ-0713A extended frequency up to 6meters

Yahoo group: foxdelta
Date: 2014-07-05 04:30:01 UTC
From: Timothy Hickman
Topic: 842 Message: 890

Morris,
I have done it and it is as easy as typing the values into the start
and stop frequencies boxes on the top left of the scan page.
Tim
N3JON

On 7/4/2014 19:12, morfor73@... [foxdelta] wrote:
>
> I am trying to get my unit to work on 6 meters. I have read this
> thread and I cannot find any where in setup to put a stop frequency
> for the scan. I changed the max frequency in the generator settings
> and the generator seems to accept that higher frequency but not the
> scan top frequency.
>
>
> Thanks,
> Morris, KC1BAA

891. Re: [foxdelta] Re: AAZ-0713A extended frequency up to 6meters

Yahoo group: foxdelta
Date: 2014-07-05 06:16:23 UTC
From: i2tzk@...
Topic: 842 Message: 891

You can also customize the scan button with the wanted freq range
Tony

892. Re: [foxdelta] Re: AAZ-0713A extended frequency up to 6meters

Yahoo group: foxdelta
Date: 2014-07-05 15:31:22 UTC
From: Morris Ford
Topic: 842 Message: 892

Thanks. That worked most of the time. There are some situations that require restarting the software to be able to make changes.

Morris, KC1BAA

On Saturday, July 5, 2014 1:04 AM, "Timothy Hickman timothyhickman@comcast.net [foxdelta]" <foxdelta@yahoogroups.com> wrote:

Morris,
I have done it and it is as easy as typing the values into the start
and stop frequencies boxes on the top left of the scan page.
Tim
N3JON

On 7/4/2014 19:12, morfor73@... [foxdelta] wrote:
>
> I am trying to get my unit to work on 6 meters. I have read this
> thread and I cannot find any where in setup to put a stop frequency
> for the scan. I changed the max frequency in the generator settings
> and the generator seems to accept that higher frequency but not the
> scan top frequency.
>
>
> Thanks,
> Morris, KC1BAA

893. Re: FC4 Freq Counter + RF Meter for PC or GCPU

Yahoo group: foxdelta
Date: 2014-07-20 12:51:39 UTC
From: forums@...
Topic: 888 Message: 893

An interesting and potentially very useful project but...

High accuracy/stability 10 MHz GPS locked frequency sources or parts to build them are becoming readily available at reasonable prices due to the massive worldwide conversion of 3G cellular sites to 4G. It would be nice if this project had an external 10 MHz reference input and onboard doubler that could be switch, jumper or software selected in place of the current 20 MHz SMD device.

I suggest that any future frequency measuring projects include an external 10 MHz reference input. Wherever possible, 10 MHz be the preferred frequency for any radio project onboard frequency standard so an external source can be readily connected by cut/jumper if desired.

Dinesh et. al., thank you for all you do to advance "build it yourself" amateur radio activities!

73,
George Bean AI4VJ

894. AAZ-0912A readings are incorrect

Yahoo group: foxdelta
Date: 2014-07-15 20:06:55 UTC
From: miller@...
Topic: 894 Message: 894

I recently built an AAZ-0912A kit, and yesterday I tried it out for the first time. I calibrated the unit with an open connection then the short connection as described. But when I tried to read the SWR on my operational multi-band vertical, I got unexpected results. Though the unit did show dips in the SWR curve for each of the resonant bands, the minimum SWR on any was above 8:1.

So I connected a tuned 40m dipole through its tuner and got similar results. This made no sense since the dipole reads 1:1 on the SWR meter inside my tuner. I then put a 50 ohm dummy load on the AAZ-0912A which resulted in a relatively flat SWR curve indicating an SWR of roughly 7:1 from 30m to 10m, with a slow increase to 8.5:1 by 40m and around 17:1 at 80m.

The unit appears to be operating normally otherwise, and the upgrade firmware v5.02 has been installed and is being recognized as such by the I2TZK SWR Analyzer 10 bit software.

I have obviously done something wrong, but what? Do you have any ideas that might help me locate the problem?

Keith Miller, AE3D

895. New Project: add a memory SD Card to the Infinity Project

Yahoo group: foxdelta
Date: 2014-07-28 15:36:11 UTC
From: i2tzk@...
Topic: 895 Message: 895

Hi Guys

i just completed a new project focused to add to a Graphic CPU 0613 (GLCD) an external SD Card Memory.

The memory card allows to store all FoxDelta application running on GLCD and switch from one application to another in a simple and fast way.

The status of the replaced application is saved and restored, when application is loaded again.
Process saves also all the calibration data.

Visit my web site for doc & download
http://www.i2tzk.com/index.php?option=com_content&view=article&id=60:infinity-project-sd-memory-for-glcd&catid=31:projects&Itemid=46 http://www.i2tzk.com/index.php?option=com_content&view=article&id=60:infinity-project-sd-memory-for-glcd&catid=31:projects&Itemid=46

Your feedback is very appreciate
Ciao tony

896. SWM3 csv data log?

Yahoo group: foxdelta
Date: 2014-07-30 04:34:17 UTC
From: martpaul83@...
Topic: 896 Message: 896

Hi all

I have assembled the SWM3. Great little kit, build was easy and setup went smoothly. Only thing is, I cant seem to get any log in the form of a *.csv file. The file is there but the data entries are all zeros. This is one of the main reasons i bought the unit.

Any ideas?

Regards

P

897. Re: SWM3 csv data log?

Yahoo group: foxdelta
Date: 2014-07-30 14:59:42 UTC
From: i2tzk@...
Topic: 896 Message: 897

Hi
Which f/w & s/w versione are u using ?

Select "SetUp/Parameters/Data Log" and initialize the log file path.
Leave unchecked the box No Zero Power.
Save and restart pgm.
Enable the log clicking the button "Log", start your transmission.

When enabled the log feature, are u able to read on the bottom line the
status "collecting data" just next the blinking yellow led ?

73's Tony

---In foxdelta@yahoogroups.com, wrote :

Hi all

I have assembled the SWM3. Great little kit, build was easy and setup went smoothly. Only thing is, I cant seem to get any log in the form of a *.csv file. The file is there but the data entries are all zeros. This is one of the main reasons i bought the unit.

Any ideas?

Regards

P

898. Re: [foxdelta] Re: SWM3 csv data log?

Yahoo group: foxdelta
Date: 2014-07-30 23:49:26 UTC
From: Paul Martin
Topic: 896 Message: 898

Thanks Tony

I have done all of what you have said in all different combinations.
Setting the no zero power on and off clearing the log on and off as well as changing the sample time.
The log light is flashing yellow.

here is a sample of what i have been receiving from the log. there should be power readings for these times.
DateTime;PwrDirA;PwrRefA;PwrDirMaxA;PwrRefMaxA;PwrDirB;PwrRefB;PwrDirMaxB;PwrRefMaxB
31/07/2014 7:38:27 AM;0;0;0;0;0;0;0;0
31/07/2014 7:38:28 AM;0;0;0;0;0;0;0;0
31/07/2014 7:38:29 AM;0;0;0;0;0;0;0;0
31/07/2014 7:38:30 AM;0;0;0;0;0;0;0;0
31/07/2014 7:38:31 AM;0;0;0;0;0;0;0;0
31/07/2014 7:38:32 AM;0;0;0;0;0;0;0;0
31/07/2014 7:38:33 AM;0;0;0;0;0;0;0;0
ETC.....

and with no zero power

DateTime;PwrDirA;PwrRefA;PwrDirMaxA;PwrRefMaxA;PwrDirB;PwrRefB;PwrDirMaxB;PwrRefMaxB
BLANK

BLANK*

ETC....

in using 2.06 firmware and software

Any other thoughts?

Regards

P

On Wednesday, 30 July 2014 10:59 PM, "i2tzk@fastwebnet.it [foxdelta]" <foxdelta@yahoogroups.com> wrote:

Hi
Which f/w s/w versione are u using ?

Select "SetUp/Parameters/Data Log" and initialize the log file path.
Leave unchecked the box No Zero Power.
Save and restart pgm.
Enable the log clicking the button "Log", start your transmission.

When enabled the log feature, are u able to read on the bottom line the

status "collecting data" just next the blinking yellow led ?

73's Tony

---In foxdelta@yahoogroups.com, wrote :

Hi all

I have assembled the SWM3. Great little kit, build was easy and setup went smoothly. Only thing is, I cant seem to get any log in the form of a *.csv file. The file is there but the data entries are all zeros. This is one of the main reasons i bought the unit.

Any ideas?

Regards

P

899. Re: [foxdelta] Re: SWM3 csv data log?

Yahoo group: foxdelta
Date: 2014-07-31 09:09:42 UTC
From: i2tzk@...
Topic: 896 Message: 899

Hi
please update f/w and s/w to v2.07
you can download from here:

http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=21:2ch-swr-meter
http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=24:win-pgm

Let me know if this works for you.
73's Tony

900. Re: [foxdelta] Re: SWM3 csv data log?

Yahoo group: foxdelta
Date: 2014-08-01 04:32:56 UTC
From: Paul Martin
Topic: 896 Message: 900

Hi Tony

Thanks, upgrading the firmware and software to 2.07 seems to have corrected it. I am now getting power out results with 0's in between transmissions. Though I still can't seem to get any power readings with the 'no zero power' option selected. Are there there other settings that have to be set in order to get this to work?

Thanks again for the help

Regards

Paul

On Thursday, 31 July 2014 5:24 PM, "i2tzk@fastwebnet.it [foxdelta]" <foxdelta@yahoogroups.com> wrote:

Hi
please update f/w and s/w to v2.07
you can download from here:

http://www.i2tzk.com/index.php?option=com_rokdownloads&view=folder&Itemid=55&id=21:2ch-swr-meter

Let me know if this works for you.
73's Tony

901. Preferred Display Colour?

Yahoo group: foxdelta
Date: 2014-08-12 01:30:38 UTC
From: moores@...
Topic: 901 Message: 901

Is there a preferred display colour? I chose green fr the antenna analyser as I reasoned that it it would be better for outside (direct sunlight) use.

Would the blue display be poor contrast in sunlight? I am leaning toward blue for a counter.

902. Re: [foxdelta] Preferred Display Colour?

Yahoo group: foxdelta
Date: 2014-08-12 04:10:02 UTC
From: Paul Martin
Topic: 901 Message: 902

Hi

From what I have found, is that you need to more direct on to see the blue screen, green seems to give a clearer and wider viewing angle.

On Tuesday, 12 August 2014 9:53 AM, "moores@... [foxdelta]" <foxdelta@yahoogroups.com> wrote:

Is there a preferred display colour? I chose green fr the antenna analyser as I reasoned that it it would be better for outside (direct sunlight) use.

Would the blue display be poor contrast in sunlight? I am leaning toward blue for a counter.

903. Re: [foxdelta] Preferred Display Colour?

Yahoo group: foxdelta
Date: 2014-08-12 11:03:55 UTC
From: vu2fd@...
Topic: 901 Message: 903

Hello
That is correct.
With Blue, Backlight is a must. Without backlight, you can not see anything.
Green is good even without BL. (so is with sunlight)

Regards/Dinesh Gajjar

904. Re: [foxdelta] Preferred Display Colour?

Yahoo group: foxdelta
Date: 2014-08-12 12:09:32 UTC
From: Stephen Moore
Topic: 901 Message: 904

Thanks very much for the information. I suspected that.

I like blue displays, but I like to be able to see them too :)

I guess I make the correct choice.

Thanks very much.

905. Re: Preferred Display Colour?

Yahoo group: foxdelta
Date: 2014-08-12 23:31:29 UTC
From: Jonathan Point
Topic: 901 Message: 905

Either use a standard green type (black text), or use a white background with black text. All 'reverse' LCDs are a challenge to read in daylight, especially at an angle. Blue has much less contrast than black in any configuration.

Of course, if you are only using indoors at night, red (or orange/yellow) text on a black background is easy on the eyes =]

Note that white backlights (used on most reverse displays except blue and red) usually chew more power than the standard green/yellow ones.

I use green/yellow for most stuff, but I like black-on-white for mobile operation.

Regards,

Jonathan D. Point
VK2JDP

906. Hey guys I have a problem with my swr analyzer

Yahoo group: foxdelta
Date: 2014-08-24 20:09:15 UTC
From: lmlamb@windmill-sbs.com
Topic: 906 Message: 906

My analyzer only shows a flat line and infinite swr on all bands. any ideas?

Larry

W4LML

907. Re: Hey guys I have a problem with my swr analyzer

Yahoo group: foxdelta
Date: 2014-08-25 05:12:44 UTC
From: vu2fd@...
Topic: 906 Message: 907

Hello Larry
First: check if 10MHZ is available at BNC
Second: check if AD8307 has 5V on PINs 6+7 and measure DC voltages at PIN2 of PIC

Contact me at esales@foxdelta.com if necessary

73s/Dinesh Gajjar

908. Mini TNC - KISS mode new firmware

Yahoo group: foxdelta
Date: 2014-08-25 09:09:21 UTC
From: js.slave@...
Topic: 908 Message: 908

The last release of the IZ8EWD's firmware, version 2.30, adds kiss mode functionality.Download here PianetaRadio.it - Simple Mini APRS TNC http://www.pianetaradio.it/progetti/minitnc.htm

http://www.pianetaradio.it/progetti/minitnc.htm

PianetaRadio.it - Simple Mini APRS TNC http://www.pianetaradio.it/progetti/minitnc.htm il sito web dedicato al radiantismo

View on www.pianetaradio.it http://www.pianetaradio.it/progetti/minitnc.htm
Preview by Yahoo

909. Re: Hey guys I have a problem with my swr analyzer

Yahoo group: foxdelta
Date: 2014-08-27 17:52:31 UTC
From: mr.olson@...
Topic: 906 Message: 909

I just received mine recently and finished assembly this morning. I am having the same problem as Larry. Using a different analyzer my SWR on 7.250 is 1.2 to 1. My Fox Delta analyzer shows almost a flat line at the top with a few wiggles in it.
Tested frequency is 10mhz
Voltage on the AD8307 is 4.80 on PINs 6+7
Voltages at PIN2 of PIC is 2.30
Do you have any ideas to try next?
Thank you
Lee - N9LO

910. Re: [foxdelta] Re: Hey guys I have a problem with my swr analyzer

Yahoo group: foxdelta
Date: 2014-08-27 20:15:07 UTC
From: Jan Servaites
Topic: 906 Message: 910

Check for solder bridges. My acted like that too.
Jan

On 8/27/2014 1:52 PM, mr.olson@... [foxdelta] wrote:
>
> I just received mine recently and finished assembly this morning. I
> am having the same problem as Larry. Using a different analyzer my
> SWR on 7.250 is 1.2 to 1. My Fox Delta analyzer shows almost a flat
> line at the top with a few wiggles in it.
> Tested frequency is 10mhz
> Voltage on the AD8307 is 4.80 on PINs 6+7
> Voltages at PIN2 of PIC is 2.30
> Do you have any ideas to try next?
> Thank you
> Lee - N9LO
>
>
>
> ----------
> ,_._,___
--
Directly from the N8CBX studio, Kettering OH

911. RE: [foxdelta] Re: Hey guys I have a problem with my swr analyzer

Yahoo group: foxdelta
Date: 2014-08-28 17:07:04 UTC
From: Lee Olson
Topic: 906 Message: 911
Attachments: 2 described; binary payloads are missing from this source WARC

I could not find any bridges. Any possible bridge was removed with solder wick to see if there was a trace between the joints and then re-soldered. Does anyone have a picture of the bottom of the board without anything soldered yet? I thought there was 1 on the AD9850 carrier board between pins 3-4 and removed it with some solder wick but found there was a trace between the 2 pins. I used my USB Microscope to take the attached pictures. I put an oscilloscope on the output and saw that the output does change with the PC scan frequencies. Are there any more ideas? Thank you for the help.

Solder Bridge.jpg Solder Bridge 2.jpg

Lee - N9LO

www.ole-lena.com

From: foxdelta@yahoogroups.com [mailto:foxdelta@...m]
Sent: Wednesday, August 27, 2014 3:15 PM
To: foxdelta@yahoogroups.com
Subject: Re: [foxdelta] Re: Hey guys I have a problem with my swr analyzer

Check for solder bridges. My acted like that too.
Jan

On 8/27/2014 1:52 PM, mr.olson@... [foxdelta] wrote:

I just received mine recently and finished assembly this morning. I am having the same problem as Larry. Using a different analyzer my SWR on 7.250 is 1.2 to 1. My Fox Delta analyzer shows almost a flat line at the top with a few wiggles in it.
Tested frequency is 10mhz
Voltage on the AD8307 is 4.80 on PINs 6+7
Voltages at PIN2 of PIC is 2.30
Do you have any ideas to try next?
Thank you
Lee - N9LO

--
Directly from the N8CBX studio, Kettering OH

912. Re: Hey guys I have a problem with my swr analyzer

Yahoo group: foxdelta
Date: 2014-08-28 20:49:19 UTC
From: lmlamb@...
Topic: 906 Message: 912

so Dinesh, when will we know something about the problems we are having with the antenna analyzer?

I am sure the other guys would like to know also!

Larry

W4LML

913. Re: [foxdelta] Re: Hey guys I have a problem with my swr analyzer

Yahoo group: foxdelta
Date: 2014-08-29 00:28:47 UTC
From: lmlamb@windmill-sbs.com
Topic: 906 Message: 913

Hey Lee,

Have you heard from Dinesh yet regarding the Antenna Analyzer?

73, Larry
W4LML

On Aug 28, 2014, at 1:07 PM, 'Lee Olson' mr.olson@charter.net [foxdelta] <foxdelta@yahoogroups.com> wrote:

>
> I could not find any bridges. Any possible bridge was removed with solder wick to see if there was a trace between the joints and then re-soldered. Does anyone have a picture of the bottom of the board without anything soldered yet? I thought there was 1 on the AD9850 carrier board between pins 3-4 and removed it with some solder wick but found there was a trace between the 2 pins. I used my USB Microscope to take the attached pictures. I put an oscilloscope on the output and saw that the output does change with the PC scan frequencies. Are there any more ideas? Thank you for the help.
>
>
>
> <image001.jpg> <image002.jpg>
>
>
>
> Lee - N9LO
>
> www.ole-lena.com
>
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>
> From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
> Sent: Wednesday, August 27, 2014 3:15 PM
> To: foxdelta@yahoogroups.com
> Subject: Re: [foxdelta] Re: Hey guys I have a problem with my swr analyzer
>
>
>
>
>
> Check for solder bridges. My acted like that too.
> Jan
>
>

> On 8/27/2014 1:52 PM, mr.olson@... [foxdelta] wrote:
>

>
>
> I just received mine recently and finished assembly this morning. I am having the same problem as Larry. Using a different analyzer my SWR on 7.250 is 1.2 to 1. My Fox Delta analyzer shows almost a flat line at the top with a few wiggles in it.
> Tested frequency is 10mhz
> Voltage on the AD8307 is 4.80 on PINs 6+7
> Voltages at PIN2 of PIC is 2.30
> Do you have any ideas to try next?
> Thank you
> Lee - N9LO
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> --
> Directly from the N8CBX studio, Kettering OH
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914. Re: [foxdelta] Re: Hey guys I have a problem with my swr analyzer

Yahoo group: foxdelta
Date: 2014-08-28 01:13:35 UTC
From: vu2fd@...
Topic: 906 Message: 914

Hello

Yes, please check reference voltage at LM385 which should be 2.5V

73s/Dinesh Gajjar

915. Re: [foxdelta] Re: Hey guys I have a problem with my swr analyzer

Yahoo group: foxdelta
Date: 2014-08-29 03:55:51 UTC
From: vu2fd@...
Topic: 906 Message: 915

Hello

If DDS output at BNC is present and PIN2 is getting AD8307 output, Only point to check will be RL Bridge and connections to RL Bridge to BNC

Double check all 8 X 100 ohms resistors.

Additional checks may be:

Check if 2.5V reference is OK.
Your PC's OS has latest update of dotnet from Microsoft.

Apart from above, I do not think of other possibilities leading to infinity on graph.

Contact me on esales@foxdelta.com for fast reply.

73s/Dinesh Gajjar

916. Problems with kits

Yahoo group: foxdelta
Date: 2014-08-29 04:07:56 UTC
From: vu2fd@...
Topic: 916 Message: 916

Hello

For your kit problem, as mentioned on preface of this group, send your problem to my email esales@foxdelta.com.

Sometime, problem for two kit builders assembling same kit may look same, but both may have different situation of kit building practice, PC setup and more.

If I fail to address your problem, you may post for help on this group to get help from other members. Help at all levels are welcome and all ideas are worth listening.

However, in some cases, only I have solution: I Try my best to find a fault and if it dosnt work, I replace the kit, the ultimate solution!!

73s/Dinesh Gajjar

917. Re: [foxdelta] Re: Hey guys I have a problem with my swr analyzer

Yahoo group: foxdelta
Date: 2014-08-30 20:01:20 UTC
From: Larry Lamb
Topic: 906 Message: 917

Ref Voltage at LM385=2.5 v.

Larry
W4LML
73
On Aug 27, 2014, at 9:13 PM, vu2fd@... [foxdelta] <foxdelta@yahoogroups.com> wrote:

> Hello
>
>

> Yes, please check reference voltage at LM385 which should be 2.5V
>
> 73s/Dinesh Gajjar
>
>

918. RE: [foxdelta] Re: Hey guys I have a problem with my swr analyzer

Yahoo group: foxdelta
Date: 2014-08-30 22:14:21 UTC
From: Lee Olson
Topic: 906 Message: 918

My LM385 Ref Voltage is 2.3v

Lee - N9LO

www.ole-lena.com

Sent from my Windows PC, a real Computer...

Because some people can't figure out how to

stop the forced advertizing for Apple products...

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
Sent: Saturday, August 30, 2014 3:01 PM
To: foxdelta@yahoogroups.com
Subject: Re: [foxdelta] Re: Hey guys I have a problem with my swr analyzer

Ref Voltage at LM385=2.5 v.

Larry

W4LML

73

On Aug 27, 2014, at 9:13 PM, vu2fd@... [foxdelta] <foxdelta@yahoogroups.com> wrote:

Hello

Yes, please check reference voltage at LM385 which should be 2.5V

73s/Dinesh Gajjar

919. Question Regarding the AAZ-0713A Antenna Analyzer with Graphic CPU-0613

Yahoo group: foxdelta
Date: 2014-09-03 18:39:39 UTC
From: Stephen Moore
Topic: 919 Message: 919

Sorry if this is a repeat of my question. I sent it, but it seems to have disappeared.

I am building the AAZ-0713A Antenna Analyzer with Graphic CPU-0613 display unit. I had assumed that I could use the analyzer EITHER with the CPU-0613 display OR with my PC depending on whether I was tweaking an antenna outside, OR doing a benchmark test on a new antenna.

During the build, I find that there is a slight difference in the parts installation, when the kit is built to use with the Graphic CPU-0613 display unit. Does this mean that I can ONLY use the analyzer one way, EITHER with the PC, OR with the DISPLAY UNIT, or can it be used BOTH with the PC AND with the DISPLAY UNIT?

920. Antenna Analyzer - AAZ 0713A with the Graphic CPU-0613 Display

Yahoo group: foxdelta
Date: 2014-09-03 17:46:43 UTC
From: moores@...
Topic: 920 Message: 920

I am wondering if I have misunderstood the operation of the Antenna Analyzer - AAZ 0713A with the Graphic CPU-0613. I had assumed that I could use it BOTH with the Graphic Display AND plugged into my PC, but there is a slight difference in the parts count depending on how you decide to build it.

Does this mean that I have to build it to use with EITHER the PC OR the Display Unit, or will I be able to use it BOTH with the PC AND with the display unit, depending on whether I am working outside or if I am in the house and wish to get a benchmark measurement on my antenna?

Thanks for your assistance.

921. RE: [foxdelta] Antenna Analyzer - AAZ 0713A with the Graphic CPU-0613 Display

Yahoo group: foxdelta
Date: 2014-09-03 22:58:40 UTC
From: tom armour
Topic: 920 Message: 921

I believe there is a manual jumper to select which one you want (open or closed). Header H3 I think.
I got my AAZ before that option was available. I use the Bluetooth adapter with my android phone, which was an easy mod. It auto-detects which is connected, USB or Bluetooth. I can also use the Bluetooth on the PC or on the Android. When using Bluetooth I have to run it on an external battery.
You could possibly plug a switch into the header to make it easy to change between PC and Display Unit.

Tom - wa4ta

From: foxdelta@yahoogroups.com
To: foxdelta@yahoogroups.com
Date: Wed, 3 Sep 2014 10:46:43 -0700
Subject: [foxdelta] Antenna Analyzer - AAZ 0713A with the Graphic CPU-0613 Display

I am wondering if I have misunderstood the operation of the Antenna Analyzer - AAZ 0713A with the Graphic CPU-0613. I had assumed that I could use it BOTH with the Graphic Display AND plugged into my PC, but there is a slight difference in the parts count depending on how you decide to build it.

Does this mean that I have to build it to use with EITHER the PC OR the Display Unit, or will I be able to use it BOTH with the PC AND with the display unit, depending on whether I am working outside or if I am in the house and wish to get a benchmark measurement on my antenna?

Thanks for your assistance.

922. GCPU and add-ons

Yahoo group: foxdelta
Date: 2014-09-04 03:52:12 UTC
From: vu2fd@...
Topic: 922 Message: 922

Hello

GCPU is designed to work with one of the add-on boards, like: AAZ, FC4, SWM4 and PM4.

AAZ and FC4 are designed to work without GCPU. You may connect it to PC and run appropriate PC Software.

PM4 and SWM4 are simple add-on which uses A/D lines of GCPU. Means they only work with GCPU.

TO use AAZ for PC use, you simply do not place header at H3 and change +5V powering header to "USB"

To use it with GCPU, you short H3 and change power header to "D9"

Basically, two things decide where data should go:

H3 and Two pull-ups inside GCPU (on USB lines)

Once USB lines are pull-up, prcessor sends data that GCPU understand. At same time, H3 need to be shorted to perform this function.

You may place a toggle switch (DPDT), place it on AAZ box and you may switch from one function to other quickly.

In above case, to use AAZ with PC, make sure that GCPU cable is removed. If not, pull-ups inside GCPU will stop PC to AAZ Communication. (because processor is already in AAZ to GCPU mode)

I hope this info is useful.

In next version of AAZ, we will use separate lines for PC(USB) and GCPU/BT(RX/TX).
In such case only one header will be required to change state of use

73s/Dinesh Gajjar

923. RE: [foxdelta] Antenna Analyzer - AAZ 0713A with the Graphic CPU-0613 Display

Yahoo group: foxdelta
Date: 2014-09-04 11:52:41 UTC
From: Lee Olson
Topic: 920 Message: 923

I think the slight difference in parts count is the optional R13 and R14 and are not used with Antenna Analyzer - AAZ 0713A with the Graphic CPU-0613. Is this what you are looking for?

Lee - N9LO

www.ole-lena.com

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
Sent: Wednesday, September 03, 2014 5:59 PM
To: foxdelta@yahoogroups.com
Subject: RE: [foxdelta] Antenna Analyzer - AAZ 0713A with the Graphic CPU-0613 Display

I believe there is a manual jumper to select which one you want (open or closed). Header H3 I think.

I got my AAZ before that option was available. I use the Bluetooth adapter with my android phone, which was an easy mod. It auto-detects which is connected, USB or Bluetooth. I can also use the Bluetooth on the PC or on the Android. When using Bluetooth I have to run it on an external battery.

You could possibly plug a switch into the header to make it easy to change between PC and Display Unit.

Tom - wa4ta

From: foxdelta@yahoogroups.com
To: foxdelta@yahoogroups.com
Date: Wed, 3 Sep 2014 10:46:43 -0700
Subject: [foxdelta] Antenna Analyzer - AAZ 0713A with the Graphic CPU-0613 Display

I am wondering if I have misunderstood the operation of the Antenna Analyzer - AAZ 0713A with the Graphic CPU-0613. I had assumed that I could use it BOTH with the Graphic Display AND plugged into my PC, but there is a slight difference in the parts count depending on how you decide to build it.

Does this mean that I have to build it to use with EITHER the PC OR the Display Unit, or will I be able to use it BOTH with the PC AND with the display unit, depending on whether I am working outside or if I am in the house and wish to get a benchmark measurement on my antenna?

Thanks for your assistance.

924. Questions on FC4

Yahoo group: foxdelta
Date: 2014-09-06 20:23:38 UTC
From: Ken Stone
Topic: 924 Message: 924

Hi ....

Couple of questions on FC4 counter ... software related ....

On the HF screen I get 9,999,983 which seems reasonable .... but on the VHF screen I get 9,999,95 which I don't quite understand ... Does the prescaler / 10 for VHF really just strip the last digit ? Would the software not be better off just adding it back as a zero or something ?

Second, on the calibrate screen, is there a "process" for calibration ? How does the top box adjustment do ? The offset seems to work as expected though I'm not sure what its doing since there is a separate one for HF and VHF ? Also on this one, if I set the large adjust to -5 or below I get a math error and it quits ....

Thanks

-- Ken

--
Note that you may get an error email from HP when you reply or send email to ken@... .... Sorry about that ...

925. Re: AAZ-0713 Bluetooth

Yahoo group: foxdelta
Date: 2014-09-11 00:24:14 UTC
From: kvazapeoplez@...
Topic: 664 Message: 925

i can't get it working :(

SWRA1.03 displays "connected to HC-06" in my adroid phone, but "scan/save" button is inactive, looks like aaz-0713 invisible for my bluetoothe module, but bluetooth module works in BlueTerm application.

5v (4.8), 3.3v (3.26) voltages available on both boards. 470ohms resistor added on 16-17 pins, tried with different pic18f2550 f/w versions: 5.0, 5.02 5.03

is anyone has the same problem ? or knows solution for this problem ?

926. Re: [foxdelta] Hey guys I have a problem with my swr analyzer

Yahoo group: foxdelta
Date: 2014-09-11 02:11:06 UTC
From: Larry Lamb
Topic: 906 Message: 926

I do believe that is within tolerance.

Larry
73, W4LML

On Aug 30, 2014, at 6:14 PM, 'Lee Olson' mr.olson@... [foxdelta]
<foxdelta@yahoogroups.com> wrote:

>
> My LM385 Ref Voltage is 2.3v
>
>
>
> Lee - N9LO
>
> www.ole-lena.com
>
> Sent from my Windows PC, a real Computer...
>
>
>
> Because some people can't figure out how to
>
> stop the forced advertizing for Apple products...
>
>
>
>
>
>
>
> From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
> Sent: Saturday, August 30, 2014 3:01 PM
> To: foxdelta@yahoogroups.com
> Subject: Re: [foxdelta] Re: Hey guys I have a problem with my swr analyzer
>
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>
> Ref Voltage at LM385=2.5 v.
>
>
>
> Larry
>

> W4LML
>
> 73
>
> On Aug 27, 2014, at 9:13 PM, vu2fd@... [foxdelta] <foxdelta@yahoogroups.com> wrote:
>
>
>
>
> Hello
>
>
>
> Yes, please check reference voltage at LM385 which should be 2.5V
>
>
>
> 73s/Dinesh Gajjar
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927. Standalone USB SWRAnalyzer Kit AAZ-0713A USB 1.1 ONLY?

Yahoo group: foxdelta
Date: 2014-09-17 20:08:17 UTC
From: ki4tjy@...
Topic: 927 Message: 927

I purchased and assembled this kit "USB Powered 35MHZ Antenna Analyzer For PC, BT or Graphic LCD Display. Pre-soldered AD9850 and AD8307". Could not get it to be recognized by any computer I own, and I have several. I have troubleshot the SWRA AAZ-0713A and narrowed it down to an issue with the particular version of USB interface. It ONLY works with a PC with a USB v1.1 interface. It has taken several days and a number of machines to finally make this determination. Neither FW v4.03 nor FW v5.02 will work on USB v2.0 or USB v3.0 interfaces. It does however work with a much older Win98 laptop (will enumerate the interface, but will not load any driver) and an old DELL desktop (Enumerates the interface, loads the Win7 driver, and performs flawlessly - Great plots by the way). The same results are found utilizing the old and new versions of firmware and old and new versions of the SWRAnalyzer.exe. Only a PC with an USB v1.1 interface is able to recognize the SWRA device.

The LED, only lights, when using a USB v1.1 interface, the device is only recognized by the PC when using a USB v1.1 interface. Neither USB v2.0 or USB v3.0 will light the LED or allow the OS to recognize the device and load the driver.

We changed USB cables same results, tried this on 7 different PCs until we found the single entity that USB v1.1 is the culprit.

I believe there is a bug in the firmware or in the particular USB interface chip used. Without USB v2.0 and USB v3.0 this device is of very limited use - all new PC's have USB v2.0 or v3.0 interfaces.

Please advise as how to proceed.

Bruce Jarrell/NN4BJ

928. Re: Standalone USB SWRAnalyzer Kit AAZ-0713A USB 1.1 ONLY?

Yahoo group: foxdelta
Date: 2014-09-18 05:01:37 UTC
From: duwayne@...
Topic: 927 Message: 928

I think you have some other problem, I have had that same model Analyzer with version 5.02 firmware for several months now and used on two computers with out problem. One is a Windows 7 Desktop with both USB 1 and USB 2 ports. It works connected to either version port. The other system is a new Windows 8.1 laptop with USB 3 ports, .the analyzer works on that hardware also.
73 DuWayne
KV4QB

929. Re: Standalone USB SWRAnalyzer Kit AAZ-0713A USB 1.1 ONLY?

Yahoo group: foxdelta
Date: 2014-09-18 06:56:43 UTC
From: vu2fd@...
Topic: 927 Message: 929

Hello

As I mentioned in my mail, please update dotnet for your OS from microsoft. I think this is the most likely problem

Regards/Dinesh Gajjar

930. Re: Standalone USB SWRAnalyzer Kit AAZ-0713A USB 1.1 ONLY?

Yahoo group: foxdelta
Date: 2014-09-18 11:32:32 UTC
From: duwayne@...
Topic: 927 Message: 930

One thing you could try is instead of going directly from the analyzer to the computer, go through a usb hub if you have one available. Before I retired we had an instrument that consisted of a laptop and a USB module.
When Toshiba discontinued the laptop we had been using and switched to a newer model with USB 3 ports we started to have intermittent lock up problems. The resolution was to go through a 4 Port USB hub.
73 DuWayne KV4QB

931. RE: [foxdelta] Standalone USB SWRAnalyzer Kit AAZ-0713A USB 1.1 ONLY?

Yahoo group: foxdelta
Date: 2014-09-18 12:07:11 UTC
From: Lee Olson
Topic: 927 Message: 931

Mine works fine on USB v1.1 on my XP SP3 desktop computer and on USB v2.0 on my XP SP3 laptop.

Lee - N9LO

www.ole-lena.com

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
Sent: Wednesday, September 17, 2014 3:08 PM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Standalone USB SWRAnalyzer Kit AAZ-0713A USB 1.1 ONLY?

I purchased and assembled this kit "USB Powered 35MHZ Antenna Analyzer For PC, BT or Graphic LCD Display. Pre-soldered AD9850 and AD8307". Could not get it to be recognized by any computer I own, and I have several. I have troubleshot the SWRA AAZ-0713A and narrowed it down to an issue with the particular version of USB interface. It ONLY works with a PC with a USB v1.1 interface. It has taken several days and a number of machines to finally make this determination. Neither FW v4.03 nor FW v5.02 will work on USB v2.0 or USB v3.0 interfaces. It does however work with a much older Win98 laptop (will enumerate the interface, but will not load any driver) and an old DELL desktop (Enumerates the interface, loads the Win7 driver, and performs flawlessly - Great plots by the way). The same results are found utilizing the old and new versions of firmware and old and new versions of the SWRAnalyzer.exe. Only a PC with an USB v1.1 interface is able to recognize the SWRA device.

The LED, only lights, when using a USB v1.1 interface, the device is only recognized by the PC when using a USB v1.1 interface. Neither USB v2.0 or USB v3.0 will light the LED or allow the OS to recognize the device and load the driver.

We changed USB cables same results, tried this on 7 different PCs until we found the single entity that USB v1.1 is the culprit.

I believe there is a bug in the firmware or in the particular USB interface chip used. Without USB v2.0 and USB v3.0 this device is of very limited use - all new PC's have USB v2.0 or v3.0 interfaces.

Please advise as how to proceed.

Bruce Jarrell/NN4BJ

932. Re: [foxdelta] Standalone USB SWRAnalyzer Kit AAZ-0713A USB 1.1 ONLY?

Yahoo group: foxdelta
Date: 2014-09-19 01:36:06 UTC
From: Dennis Rogers
Topic: 927 Message: 932

Sorry but I have used the Analyzer and other GLCD kits with Windows 7
without a problem using USB v2.0 drivers.
On Sep 17, 2014 10:35 PM, "ki4tjy@yahoo.com [foxdelta]" <
foxdelta@yahoogroups.com> wrote:

>
>
> I purchased and assembled this kit "*USB Powered 35MHZ Antenna Analyzer
> For PC, BT or Graphic LCD Display. Pre-soldered AD9850 and AD8307*".
> Could not get it to be recognized by any computer I own, and I have
> several. I have troubleshot the SWRA AAZ-0713A and narrowed it down to an
> issue with the particular version of USB interface. It ONLY works with a
> PC with a USB v1.1 interface. It has taken several days and a number of
> machines to finally make this determination. Neither FW v4.03 nor FW v5.02
> will work on USB v2.0 or USB v3.0 interfaces. It does however work with a
> much older Win98 laptop (will enumerate the interface, but will not load
> any driver) and an old DELL desktop (Enumerates the interface, loads the
> Win7 driver, and performs flawlessly - Great plots by the way). The same
> results are found utilizing the old and new versions of firmware and old
> and new versions of the SWRAnalyzer.exe. Only a PC with an USB v1.1
> interface is able to recognize the SWRA device.
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> The LED, only lights, when using a USB v1.1 interface, the device is only
> recognized by the PC when using a USB v1.1 interface. Neither USB v2.0 or
> USB v3.0 will light the LED or allow the OS to recognize the device and
> load the driver.
>
> We changed USB cables same results, tried this on 7 different PCs until we
> found the single entity that USB v1.1 is the culprit.
>
> I believe there is a bug in the firmware or in the particular USB
> interface chip used. Without USB v2.0 and USB v3.0 this device is of very
> limited use - all new PC's have USB v2.0 or v3.0 interfaces.
> Please advise as how to proceed.
>
> Bruce Jarrell/NN4BJ
>
>
>
>

933. AAZ USB Interface Problem

Yahoo group: foxdelta
Date: 2014-09-19 02:37:57 UTC
From: vu2fd@...
Topic: 933 Message: 933

Hello Bruce

I am placing this message on group so other kit builder may get some clue if they face similar problem.

Thank you for picture. You have R13 and 14 installed. These resistors are not part of kit and not needed. Moreover, they create problem for USB operation on newer machines. In supplied parts list I have mentioned about this.

I am happy that now your AAZ works on all types of PCs.

73s/Dinesh Gajjar

934. Re: Standalone USB SWRAnalyzer Kit AAZ-0713A USB 1.1 ONLY?

Yahoo group: foxdelta
Date: 2014-09-19 02:28:04 UTC
From: vu2fd@...
Topic: 927 Message: 934

Hello Bruce
I am placing this message on group so other kit builder may get some clue if they face similar problem.

Thank you for picture. You have R13 and 14 installed. These resistors are not part of kit and not needed. Moreover, they create problem for USB operation on newer machines. In supplied parts list I have mentioned about this.

I am happy that now your AAZ works on all types of PCs.

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <ki4tjy@yahoo.com> wrote :

I purchased and assembled this kit "USB Powered 35MHZ Antenna Analyzer For PC, BT or Graphic LCD Display. Pre-soldered AD9850 and AD8307". Could not get it to be recognized by any computer I own, and I have several. I have troubleshot the SWRA AAZ-0713A and narrowed it down to an issue with the particular version of USB interface. It ONLY works with a PC with a USB v1.1 interface. It has taken several days and a number of machines to finally make this determination. Neither FW v4.03 nor FW v5.02 will work on USB v2.0 or USB v3.0 interfaces. It does however work with a much older Win98 laptop (will enumerate the interface, but will not load any driver) and an old DELL desktop (Enumerates the interface, loads the Win7 driver, and performs flawlessly - Great plots by the way). The same results are found utilizing the old and new versions of firmware and old and new versions of the SWRAnalyzer.exe. Only a PC with an USB v1.1 interface is able to recognize the SWRA device.

The LED, only lights, when using a USB v1.1 interface, the device is only recognized by the PC when using a USB v1.1 interface. Neither USB v2.0 or USB v3.0 will light the LED or allow the OS to recognize the device and load the driver.

We changed USB cables same results, tried this on 7 different PCs until we found the single entity that USB v1.1 is the culprit.

I believe there is a bug in the firmware or in the particular USB interface chip used. Without USB v2.0 and USB v3.0 this device is of very limited use - all new PC's have USB v2.0 or v3.0 interfaces.

Please advise as how to proceed.

Bruce Jarrell/NN4BJ

935. Re: [foxdelta] Standalone USB SWRAnalyzer Kit AAZ-0713A USB 1.1 ONLY?

Yahoo group: foxdelta
Date: 2014-09-19 14:52:50 UTC
From: Bruce E. Jarrell
Topic: 927 Message: 935

All is working great now. Minor glitch in the assembly instructions removed R12 & R13 and USB works!!! Great little analyzer nice graphs and tables - just scratching the surface for what I can do now.
Thanks Dinesh

Bruce/NN4BJ

Bruce's iPad Mini

> On Sep 17, 2014, at 4:08 PM, ki4tjy@...m [foxdelta] <foxdelta@yahoogroups.com> wrote:
>
> I purchased and assembled this kit "USB Powered 35MHZ Antenna Analyzer For PC, BT or Graphic LCD Display. Pre-soldered AD9850 and AD8307". Could not get it to be recognized by any computer I own, and I have several. I have troubleshot the SWRA AAZ-0713A and narrowed it down to an issue with the particular version of USB interface. It ONLY works with a PC with a USB v1.1 interface. It has taken several days and a number of machines to finally make this determination. Neither FW v4.03 nor FW v5.02 will work on USB v2.0 or USB v3.0 interfaces. It does however work with a much older Win98 laptop (will enumerate the interface, but will not load any driver) and an old DELL desktop (Enumerates the interface, loads the Win7 driver, and performs flawlessly - Great plots by the way). The same results are found utilizing the old and new versions of firmware and old and new versions of the SWRAnalyzer.exe. Only a PC with an USB v1.1 interface is able to recognize the SWRA device.
>
> The LED, only lights, when using a USB v1.1 interface, the device is only recognized by the PC when using a USB v1.1 interface. Neither USB v2.0 or USB v3.0 will light the LED or allow the OS to recognize the device and load the driver.
>
> We changed USB cables same results, tried this on 7 different PCs until we found the single entity that USB v1.1 is the culprit.
>
> I believe there is a bug in the firmware or in the particular USB interface chip used. Without USB v2.0 and USB v3.0 this device is of very limited use - all new PC's have USB v2.0 or v3.0 interfaces.
>
> Please advise as how to proceed.
>
> Bruce Jarrell/NN4BJ
>
>
>

936. RE: [foxdelta] Standalone USB SWRAnalyzer Kit AAZ-0713A USB 1.1 ONLY?

Yahoo group: foxdelta
Date: 2014-09-22 13:20:18 UTC
From: Lee Olson
Topic: 927 Message: 936

Minor glitch in assembly instructions? My instructions that came with the kit dated 16 July 2014 has the following

Notes:

Special Function Parts on Board

R13 and R14 are required only if you have your own add-on board.

Do not install these resistors if using AAZ-0713A for PC/USB or with

GCPU/BT-0813 interface

Lee - N9LO

www.ole-lena.com

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
Sent: Friday, September 19, 2014 9:53 AM
To: foxdelta@yahoogroups.com
Subject: Re: [foxdelta] Standalone USB SWRAnalyzer Kit AAZ-0713A USB 1.1 ONLY?

All is working great now. Minor glitch in the assembly instructions removed R12 & R13 and USB works!!! Great little analyzer nice graphs and tables - just scratching the surface for what I can do now.

Thanks Dinesh

Bruce/NN4BJ

Bruce's iPad Mini

On Sep 17, 2014, at 4:08 PM, ki4tjy@yahoo.com [foxdelta] <foxdelta@yahoogroups.com> wrote:

I purchased and assembled this kit "USB Powered 35MHZ Antenna Analyzer For PC, BT or Graphic LCD Display. Pre-soldered AD9850 and AD8307". Could not get it to be recognized by any computer I own, and I have several. I have troubleshot the SWRA AAZ-0713A and narrowed it down to an issue with the particular version of USB interface. It ONLY works with a PC with a USB v1.1 interface. It has taken several days and a number of machines to finally make this determination. Neither FW v4.03 nor FW v5.02 will work on USB v2.0 or USB v3.0 interfaces. It does however work with a much older Win98 laptop (will enumerate the interface, but will not load any driver) and an old DELL desktop (Enumerates the interface, loads the Win7 driver, and performs flawlessly - Great plots by the way). The same results are found utilizing the old and new versions of firmware and old and new versions of the SWRAnalyzer.exe. Only a PC with an USB v1.1 interface is able to recognize the SWRA device.

The LED, only lights, when using a USB v1.1 interface, the device is only recognized by the PC when using a USB v1.1 interface. Neither USB v2.0 or USB v3.0 will light the LED or allow the OS to recognize the device and load the driver.

We changed USB cables same results, tried this on 7 different PCs until we found the single entity that USB v1.1 is the culprit.

I believe there is a bug in the firmware or in the particular USB interface chip used. Without USB v2.0 and USB v3.0 this device is of very limited use - all new PC's have USB v2.0 or v3.0 interfaces.

Please advise as how to proceed.

Bruce Jarrell/NN4BJ

937. FC4-0614 user guide and assembly manual

Yahoo group: foxdelta
Date: 2014-09-24 20:41:23 UTC
From: jmmendicoa@...
Topic: 937 Message: 937

Dear group I am Jose Mendicoa from Valencia Venezuela,
I just received from the mail my FC4-0614 Frequency counter in a Kit (smd components as a kit too)
.Exploring the FOXDELTA web page i did not found a USER GUIDE and an ASSEMBLY MANUAL for the FC4-0614 KIT.
I remember thath when I assembly the FD-AAZ-0912A kit i found an Assembly Manual and a User Guide in the Web Page.as Pdf files.

If some of you can help me will be apreciated it..

Thanks Jose Mendicoa

938. Re: FC4-0614 user guide and assembly manual

Yahoo group: foxdelta
Date: 2014-09-25 09:39:31 UTC
From: vu2fd@...
Topic: 937 Message: 938

Hello Jose

We do not have a assembly manual for any of the projects.
Please refer to PCB silk parts placement and schematic and I am sure you will not have any problem with assembly. FC4 has minimum number of parts and has simple assembly.
If you have any problem, please contact me on esales@foxdelta.com and I will try to help you out.

Regards/Dinesh Gajjar

939. K6H Special Events Webcast

Yahoo group: foxdelta
Date: 2014-09-25 09:43:37 UTC
From: vu2fd@...
Topic: 939 Message: 939

It's time for the K6H Special Events Webcast from the TV set of “Last Man Standing” in Hollywood

Please join us during our very special webcast of the Special Events Station K6H Sept 27th and 28th. Hosts for the event will be Amateur Radio crew members of the ABC television series “Last Man Standing”. On the show, actor Tim Allen plays Mike Baxter, KA0XTT. The show’s producer is our friend, John Amodeo, NN6JA

To join the webcast go to http://W5KUB.com http://w5kub.com/ where the fun begins! During the special event W5KUB.COM http://w5kub.com/ will interview many special guests, give tours of the famous Stage 9 Hollywood set, and also show the California Papa Systems group operating the station. This is will be one or our best webcasts as it is packed with activity and possibly some surprises! During the live webcast, viewers can meet and chat with us at the event or chat with other ham radio operators from around the world.

You could win one of a number of prizes, including KA0XTT (Mike Baxter) or KF0XIE (Mandy Baxter) QSL cards autographed by Tim Allen and Molly Ephraim, which will be awarded during the webcast! To be eligible for prizes, please be sure you have a registered login account on W5KUB.COM http://w5kub.com/. If you don’t already have a login there is a link on the login screen to create a new account. This year over $10,000 in prizes have been awarded to viewers of our webcast! Of course, no purchase is necessary to win a prize because we don’t sell anything!! W5KUB is not affiliated with any products or companies.

Special Events webcast schedule:

· Saturday, September 27, 1600 UTC - 1900 UTC (9:00 AM - noon PDT): Tour the set, watch the Papa System Group set up for Sunday’s operation, and interview guests.
· Sunday, September 28, 1430 UTC - 2200 UTC (7:30 AM - 3:00 PM PDT): K6H Special Event, interview special guests, tours, prizes, and much more.

Frequencies: 10 Meters 28.420 SSB, 20 Meters 14.250 SSB and 40 Meters 7.260 SSB. There will also be a CW station but the frequency has not been determined at this time. DSTAR will be on Reflector 12A. EchoLink connections will be through WD4WDW-R and WB5EKU-R.

Please join our group on Facebook at https://www.facebook.com/groups/w5kub/ https://www.facebook.com/groups/w5kub/ for more details and to keep up with our webcasts year-round.

Also, please help spread the word by posting this announcement in Facebook and forwarding this message to your ham radio friends that may not have received this message!

73
Tom Medlin, W5KUB

W5KUB.COM http://w5kub.com/

W5KUB.COM http://w5kub.com/

View on w5kub.com http://w5kub.com/
Preview by Yahoo

940. Re: ST2 USB hyperterminal ?

Yahoo group: foxdelta
Date: 2014-09-27 16:01:51 UTC
From: n5bum@...
Topic: 590 Message: 940

I have a st232 and I have trouble with it tracking elevation...azimuth seems to work very good but elev is erratic and will not hold calibration when it is working...too many changes for me to track down
just got it to work again and the display quit ....HELP

941. Re: [foxdelta] Re: ST2 USB hyperterminal ?

Yahoo group: foxdelta
Date: 2014-09-27 17:55:39 UTC
From: Mike Penkas
Topic: 590 Message: 941

??? Type of rotor, are you using rotor controller program, type of serial port (usb dongle or serial expansion card or motherboard serial connector. Check the integrity of the internal plug/jack connections inside theST2. I just thought I would solve my serial problems by installing a PCI Express X1card with 4-9 pin dongles hanging out the back of the computer and now nothing but problems with 2 meter RF getting into the computer locking things up. I think a handful of clamp on ferrite chokes Is curing it. What operating system on your computer?
Mike WA8EBM

Sent from my iPad

> On Sep 27, 2014, at 12:01, "n5bum@... [foxdelta]" <foxdelta@yahoogroups.com> wrote:
>
> I have a st232 and I have trouble with it tracking elevation...azimuth seems to work very good
>
> but elev is erratic and will not hold calibration when it is working...too many changes for me to track down

> just got it to work again and the display quit ....HELP
>

942. incorrect swr reading..

Yahoo group: foxdelta
Date: 2014-10-03 14:49:33 UTC
From: luc.laureys@...
Topic: 942 Message: 942

Hi to ,all
Ii have build my kit AAZ-0914A without anny problem.

Buth now i see a problem by reading my swr and tests wit dummyload...

The LOWEST SWR i read is 1.5!!!

i have tested with a variabel resistant nothing give me a swr lower than this 1.5.

Pls heeeeelp were can be the error(bridge?)
yes i have calibrated the analyzer...and the test tensions are good.

Greetings

ON7KEC luc

943. Vox circuit doesnt work

Yahoo group: foxdelta
Date: 2014-10-08 21:24:09 UTC
From: unbekannt-x@...
Topic: 943 Message: 943

Hello,

I soldered this VOX-circuit http://www.foxdelta.com/products/sound/sc2/sc2-vox.jpg
http://www.foxdelta.com/products/sound/sc2/sc2-vox.jpg
Now I have the problem that the led is on all the time. I used a BAT41 instead of BAT85. As far as ai know that should work also. Or could that be a solution?
I've also heard that there might be a error in the circuit as there is a resistor aprox 5M missing from pin 5 to vcc

Thank you!

944. Re: Standalone USB SWRAnalyzer Kit AAZ-0713A not working

Yahoo group: foxdelta
Date: 2014-10-09 02:07:07 UTC
From: k6nd@...
Topic: 927 Message: 944

Hello, my name is Will K6ND,
I purchased this kit 2 weeks ago and finished assembling this today.
before installing the PIC and DDS module I measured all the voltages per instructions and all measured Ok.
Thanks I installed the PIC and DDS module and voltages are all Ok. BUT the LED does not lit and the board is not recognized by my computer(s).
K7SFN referred me to this forum and made the suggestion of un-installing the 2 resistors R13 and R14 so I did and still no go.
What else can I do?

Thanks,
Will
K6ND

945. FD-AAZ-0173A not working

Yahoo group: foxdelta
Date: 2014-10-09 02:19:44 UTC
From: k6nd@...
Topic: 945 Message: 945

Hello, my name is Will, K6ND.
I purchased this unit 2 weeks ago and today I finished assembling it.
As the instructions told to check all the voltages before installing the PIC and DDS module and all ore OK. Then I installed the PIC and OK, then the DDS module and again all voltages are Ok.
That said my computer(s) did not recognize the board at all, the via a suggestion of K7SFN not to install the 2 resistors R14 and R13 so I de-soldered these and still no go.
Does anybody might have a suggestion what I can do next?

Thanks,

Will
K6ND

946. Re: Vox circuit doesnt work

Yahoo group: foxdelta
Date: 2014-10-09 05:11:06 UTC
From: vu2fd@...
Topic: 943 Message: 946

Hello

There is no mistake or error on SC2 schematic.

Regards/Dinesh Gajjar

947. Re: FD-AAZ-0173A not working

Yahoo group: foxdelta
Date: 2014-10-09 05:13:32 UTC
From: vu2fd@...
Topic: 945 Message: 947

Hello

Yes, do you have latest copy of dotnet for your OS?
Do you get 10MHZ at BNC?
I Hope there is no shorting pin at "Update" header.

Regards/Dinesh Gajjar

948. Re: incorrect swr reading..

Yahoo group: foxdelta
Date: 2014-10-09 05:16:01 UTC
From: vu2fd@...
Topic: 942 Message: 948

Hello

Yes, likely: 100 ohms resistors at RL bridge. Check each of them.
If all fail, contact me at esales@foxdelta.com

Regards/Dinesh Gajjar

949. Re: AAZ-0713 Bluetooth

Yahoo group: foxdelta
Date: 2014-10-09 15:52:13 UTC
From: kvazapeoplez@...
Topic: 664 Message: 949
Attachments: 3 described; binary payloads are missing from this source WARC

may be these oscillograms can help someone, signal appears when i press active buttons on android application (setup, "start khz", "stop khz")

green - TX - USB pin3
yellow RX - USB pin2

here is what i see on oscilloscope with all resistors , like on the circuit

this oscillogram appears without 10k resistors in RX line

950. Re: Vox circuit doesnt work

Yahoo group: foxdelta
Date: 2014-10-10 17:12:17 UTC
From: unbekannt-x@...
Topic: 943 Message: 950

Hi,
ok thanks for you reply. That's interesting. I changed now Pin2 with Pin3 and it does work.

951. ST-2 wont play with windows. 8.1

Yahoo group: foxdelta
Date: 2014-10-11 21:48:09 UTC
From: jimki6wj@...
Topic: 951 Message: 951

I recently upgraded from XP laptop to windows 8.1 laptop. had to discard all the prolific usb cables and replace with FTDI cables and drivers.
My set up is UPLINK Yaesu FT817 com 16 functions ok
DOWNKINK yaesu FT817 Com 17 functions ok.

yaesu G5500 rotator with ftdi cable com 3 19200(laptop set to 19200)

Tracking software Sat32PC.
The satpc software signs on ok along with rotor trac. the rotor does not respond to the PARK test nor any satellite tracking.

ANY IDEAS??

Thanks Jim KI6WJ

952. Dual Scale Bridge Formula?

Yahoo group: foxdelta
Date: 2014-10-17 03:23:21 UTC
From: martpaul83@...
Topic: 952 Message: 952

Hi I was wondering if I could find out what the formula for the A to D conversion of power into the pic 18F4550, from the dual scale bridge at 100w and 1000w? also the scale switch over point.

The reason being, I wish to feed the bridge into an additional power monitoring system and this one seems to be very accurate.

Thanks

PM

953. Antenna Analyzer AAZ-0914A

Yahoo group: foxdelta
Date: 2014-10-17 15:24:19 UTC
From: vu2fd@...
Topic: 953 Message: 953

Hello

Newer version of USB antenna analyzer kit is now ready and project details are at:

Foxdelta 50MHZ Antenna analyzer: AAZ-0914A: By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD
http://www.foxdelta.com/products/aaz-0914a.htm

http://www.foxdelta.com/products/aaz-0914a.htm

Foxdelta 50MHZ Antenna analyzer: AAZ-0914A: By ...
http://www.foxdelta.com/products/aaz-0914a.htm Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta

View on www.foxdelta.com http://www.foxdelta.com/products/aaz-0914a.htm
Preview by Yahoo

Major revision is related to USB line sharing for Blue tooth module in AAZ-0713A. Now USB and GCPU/Bluetooth communication are independent and easily switches by simply plugging in BT module at MPIO (FRC16) Socket.

Kits are supplied with a free case and all SMT parts Pre-Soldered.(Including DDS module)

A BT module kit and a Breakout board (for GCPU) kit will be available soon. (Not ready yet)

73s/Dinesh Gajjar

954. RE: [foxdelta] Antenna Analyzer AAZ-0914A

Yahoo group: foxdelta
Date: 2014-10-17 16:21:27 UTC
From: tom armour
Topic: 953 Message: 954

I see firmware version 6.01 posted on the Fox Delta site, but not on Tony's site.
Is this appropriate for the older SWRA devices? If so, what has changed?
Thanks,Tom - wa4ta

From: foxdelta@yahoogroups.com
To: foxdelta@yahoogroups.com
Date: Fri, 17 Oct 2014 08:24:19 -0700
Subject: [foxdelta] Antenna Analyzer AAZ-0914A

Hello

Newer version of USB antenna analyzer kit is now ready and project details are at:

Foxdelta 50MHZ Antenna analyzer: AAZ-0914A: By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD

Foxdelta 50MHZ Antenna analyzer: AAZ-0914A: By ... Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta View on www.foxdelta.com Preview by Yahoo

Major revision is related to USB line sharing for Blue tooth module in AAZ-0713A. Now USB and GCPU/Bluetooth communication are independent and easily switches by simply plugging in BT module at MPIO (FRC16) Socket.

Kits are supplied with a free case and all SMT parts Pre-Soldered.(Including DDS module)

A BT module kit and a Breakout board (for GCPU) kit will be available soon. (Not ready yet)

73s/Dinesh Gajjar

955. Re: New Project: add a memory SD Card to the Infinity Project

Yahoo group: foxdelta
Date: 2014-10-17 23:52:27 UTC
From: ve3hdj@...
Topic: 895 Message: 955

Tony,
Looked for the details for the mod to add SD card but could not find details on how to interface the hardware. Maybe I missed the page where it is located. I am very anxious to make the mod.
Dick

956. RE: [foxdelta] Antenna Analyzer AAZ-0914A

Yahoo group: foxdelta
Date: 2014-10-18 01:36:22 UTC
From: vu2fd@...
Topic: 953 Message: 956

Hello

V6.01 is specific to AAZ-0914A. Nothing operational has changed from AAZ-0713A. You need not update AAZ-0713A to V6.01 as new FW is only addressing new hardware (AAZ-0914A) changes.

Why Change in FW for New Hardware:
AAZ-0713A and all previous versions of AAZ hardware were using USB data lines for communication to GCPU or Bluetooth Module.his was achieved by way of using two pull-up resistors which when in place, put processor in GCPU/USB mode and when not present, place in USB mode. (many painful messages related to R13 and 14 on this group)

What is changed in new FW V6.01 is: USB data lines and GCPU/BT data lines are independent. Grounding one processor Pin decides which mode is required.

Both Old and New Hardware, still use same PC Software V5.03.

Thank you for asking. Many other users may be interested in knowing about this too.

73s/Dinesh Gajjar

957. Re: New Project: add a memory SD Card to the Infinity Project

Yahoo group: foxdelta
Date: 2014-10-18 10:21:29 UTC
From: i2tzk@...
Topic: 895 Message: 957

Hi Dick

download the doc "SD-Manager.pdf" from the download section of my web site.
Paragraph 2 "Getting started / Hardware" should give you all the infos.

73's Tony

958. W5KUB Live Webcast of Arduino for Ham Radio

Yahoo group: foxdelta
Date: 2014-10-29 03:33:44 UTC
From: vu2fd@...
Topic: 958 Message: 958

Live Webcast
Arduino for Ham Radio

Please join us for a special webcast featuring our special guest, Glen Popiel, KW5GP, author of the newly released ARRL publication, Arduino for Ham Radio. This event will be webcast from W5KUB's personal ham shack on Thursday, October 30th at 8:00 PM CT (0100 UTC). Arduino devices are powerful and inexpensive microcontrollers, and they are an easy way for ham radio operators, students, and professionals to create devices that interact with their environment using sensors and actuators. Glen will discuss Arduino and its many applications. Glen will show and demonstrate projects from his book. He may even bring some surprise projects not in the book. Glen's projects include:

Random Code Practice Generator
Talking GPS/UTC Time/Grid Square Indicator
CW Beacon and Foxhunt Keyer
Iambic Keyer
Fan Speed Controller
Waveform Generator
Digital Compass
PS/2 CW Keyboard
Weather Station
Field Day Satellite Tracker
RF Probe with LED Bar Graph
Azimuth/Elevation Rotator Controller
Solar Battery Charger Monitor
CW Decoder
On-Air Indicator
Lightning Detector
Talking SWR Meter
CDE/Hy-Gain Rotator Controllers

To join the webcast go to http://W5KUB.com where the fun begins! For the first time, there will be a telephone line for viewers to join the webcast. Viewers can ask questions or discuss their own Arduino projects. During the live webcast, viewers can chat with us or other ham radio operators from around the world.

Viewers can win prizes, including autographed Arduino for Ham Radio books and some Arduino items donated by Glen Popiel. To be eligible for prizes, you must have a registered chat room login account on W5KUB.COM. If you don't already have a login, go to "W5KUB" and click on "Live Events and Chat Room" where you can either log in or set up a new user account. This year over $10,000 in prizes have been awarded to viewers of our webcast! Of course, no purchase is necessary to win a prize because we don't sell anything!! W5KUB is not affiliated with any products or companies.

Following Arduino, our guest will be John Amodeo, NN6JA, Producer of ABC's hit TV show Last Man Standing featuring Tim Allen. John will provide an update of the recent K6H Special

Event.

Please join our group on Facebook at https://www.facebook.com/groups/w5kub/ for more details and to keep up with our webcasts.

Also, please help spread the word by posting this announcement in Facebook and forwarding this message to your ham radio friends that may not have received this message!

73
Tom Medlin, W5KUB

W5KUB.COM http://w5kub.com

W5KUB.COM http://w5kub.com

View on w5kub.com http://w5kub.com
Preview by Yahoo

959. Need help AAZ0914

Yahoo group: foxdelta
Date: 2014-11-02 22:16:33 UTC
From: avavra1@...
Topic: 959 Message: 959

I have built a AAZ0194 antenna analyzer and have some questions and may need some advice for troubleshooting it.

It appears to be working; drivers load and software recognize it is connected.

Solid yellow LED when connected to USB port, changes to blinking when software is active.

1) When I connect a dummy load to the BNC port, I get a SWR plot that is close to the R of the dummy load.

2) When I connect it to the coaxial cable going from my shack to my outdoor antenna(s) I get an infinite SWR reading on the AAZ0194 regardless of which antenna is connected.

My antennas are a 40 meter resonant vertical that reads 1:1 across the band on my MFJ analyzer, a 3 element cubical quad that presents a 2:1 on 20 meters and is flat on the other bands, and an 80 meter delta loop that is a 1.5 SWR as measured with my MFJ.

The AAZ0194 however, reads infinity on all 3 antennas regardless of frequency and I'm wondering if it is the loading presented by the coaxial cable that is pulling down the output of the FoxDelta analyzer.

My coaxial runs are 1/2" hardline to the delta loop an the 40 meter vertical and 7/8" hardline to the quad.

I have ensured that both jumpers are over the correct header pins on the AAZ0194, and have double checked that all of the components are in the correct positions and are soldered correctly using photos the data sheets packed with the kit and on your website . I have also reset the analyzer to factory defaults and re- run the calibration program on the analyzer

Has anyone experienced this situation before, and what do you advise?

de Andy, KD3RF

961. RE: [foxdelta] Need help AAZ0914

Yahoo group: foxdelta
Date: 2014-11-02 23:30:48 UTC
From: Lee Olson
Topic: 959 Message: 961

In the manual that came with it says Not to install resistors R13 and R14. Did You? It is a common easy mistake.

Lee - N9LO

www.ole-lena.com

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
Sent: Sunday, November 02, 2014 4:17 PM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Need help AAZ0914

I have built a AAZ0194 antenna analyzer and have some questions and may need some advice for troubleshooting it.

It appears to be working; drivers load and software recognize it is connected.

Solid yellow LED when connected to USB port, changes to blinking when software is active.

1) When I connect a dummy load to the BNC port, I get a SWR plot that is close to the R of the dummy load.

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Has anyone experienced this situation before, and what do you advise?

de Andy, KD3RF

962. RE: [foxdelta] Need help AAZ0914

Yahoo group: foxdelta
Date: 2014-11-03 01:58:10 UTC
From: vu2fd@...
Topic: 959 Message: 962

Hello

AAZ-0914A is revised version of AAZ-0713A as do not have R13/R14 related problem. Revision is basically to remove that problem.

Regards/Dinesh Gajjar

963. Re: Need help AAZ0914

Yahoo group: foxdelta
Date: 2014-11-03 02:03:39 UTC
From: vu2fd@...
Topic: 959 Message: 963

Hello Andy I think most is OK.
Please check signal output at BNC.
Change Freq from PC program and see if signal is good from 1 to 30 or 50MHZ.

This may also happen if Q1 is not good or damaged and not producing enough output.
Possibility is also that L1 and L2: either may be bad (these are RFCs and may be open circuit) and signal is not passing well. Please check these components.

73s/Dinesh Gajjar

964. RE: [foxdelta] Need help AAZ0914

Yahoo group: foxdelta
Date: 2014-11-03 02:13:18 UTC
From: avavra1@...
Topic: 959 Message: 964

So, do I remove R1& R14 or not?

965. RE: [foxdelta] Need help AAZ0914

Yahoo group: foxdelta
Date: 2014-11-03 03:37:37 UTC
From: vu2fd@...
Topic: 959 Message: 965

There is no need to remove any parts. I only asked to check L1 and L2 if they are good and if signal is present at BNC 73s/Dinesh Gajjar

966. Re: Need help AAZ0914

Yahoo group: foxdelta
Date: 2014-11-03 15:56:47 UTC
From: avavra1@...
Topic: 959 Message: 966

Hi Dinesh:

Thanks for the fast reply. L1 and L2 continuity is both good.

Output frequency is a constant 11.96 mHz regardless of whether AAZ is in full scan mode or not. Frequency does not change.

Update jumper is off (open) with no jumper on any of the pins.

Let me know what to try next.

I have DMM and 400 mHz scope and can probe board if there are test points you can suggest.

Andy, KD3RF / VE2DXY

967. Re: Need help AAZ0914

Yahoo group: foxdelta
Date: 2014-11-04 02:51:03 UTC
From: vu2fd@...
Topic: 959 Message: 967

Hello Looks like no control of processor on DDS.
Please check 3 lines going to DDS from PIC. Remove DDS and see continuity test.
If you have everything else working well from PC's program, Most likely problem with DDS module.
transit vibration may also cause DDS SMT hotair solder weak. Have a look and you may try using ceramic fine tip and touch each pin of AD9850. Retry and see if any progress

Contact me at esales@foxdelta.com and I will fwd necessary replacements.

73s/Dinesh Gajjar

968. Light Switch - School Project

Yahoo group: foxdelta
Date: 2014-11-06 06:52:04 UTC
From: vu2fd@...
Topic: 968 Message: 968

A new, small project is uploaded to our school project website.

A simple LM311 based LDR switch to control lamps for DAY or NIGHT switching. Please visit:

School Science and Electronic hobby projects by Nina Gajjar http://www.foxdelta.net/

http://www.foxdelta.net/

School Science and Electronic hobby projects by Nina Gaj... http://www.foxdelta.net/
School Science and Electronic projects by nina gajjar

View on www.foxdelta.net http://www.foxdelta.net/
Preview by Yahoo

73s/Dinesh gajjar

969. AZZ-0914A No SWR measurement with a 80m loop ant.

Yahoo group: foxdelta
Date: 2014-11-19 05:21:13 UTC
From: l.detlor@...
Topic: 969 Message: 969

I just finished the assembly of my 914A SWR unit and I am impressed to say the least.
I did run into a problem that has me puzzled. After checking my 80m-40m-20m fan dipole SWR in comparison to my MFJ 259c I decided to check the SWR of my 80m full wave square loop. The 914 could not find a resonate frequency and just gave me a flat line 5:1 SWR reading. I started on 80m and then to 40m where I use this antenna all the time. Same display flat 5:1 SWR.....

When I use my MFJ 259c it gives me a SWR of 1.3 : 1 on 7.250mHz for which it is cut. My MFJ 986 antenna tuner display also shows the same reading as the 259c. So the 914a works on the fan dipole but no reading on the 80 meter square loop. I am feeding the loop with RG 9913 coax 130 feet into a 2.5 to 1 current balun. The antenna is up at 45 feet.
Any thoughts as to what the problem might be? Thanks Ray.

971. AAZ-0914A - noise on plots between 1 and 10MHz - modification to fix this problem.

Yahoo group: foxdelta
Date: 2014-11-20 19:20:06 UTC
From: Dave Wright
Topic: 971 Message: 971

Hi All,

I've just finished assembling and testing my AAZ-0914A and noticed that there was noise on the plots with various terminations including zero ohms and open circuit. This occurred between 1 and 10MHz and reduced in amplitude as the scan frequency increased. On investigation with a scope I found that there was a lot of leakage of the DDS RF source onto the DC output of the AD8307 detector. Looking at the circuit diagram there is a pi-network filter formed by C4-FBX2-C19 to filter the detector DC output signal. The inductance of FBX2 is very small and so ineffective between 1 and 10MHz at filtering out the RF leakage. This was modulating the DC output from the AD8307 and the A to D converter in the microprocessor was then responding to this and producing noise on the plot between 1 and 10MHz. I replaced FXB2 with a 100 microhenry RF choke and this has completely fixed the problem. I now get a very clean scan even without the noise filter switched on between 1 and 55MHz. I am very pleased and amazed at the performance of the SWR analyzer in particular the performance of the return loss bridge.

73,

Dave G3XOU

972. Re: AAZ-0914A - noise on plots between 1 and 10MHz - modification to fix this problem.

Yahoo group: foxdelta
Date: 2014-11-21 04:00:56 UTC
From: vu2fd@...
Topic: 971 Message: 972

Hello Dave

Thanks.
Yes, I replaced Ferrite Beads type RFCs in place of normal RFCs for 914A kits. In fact, all earlier kits were supplied with RFCs. Some kit builders had problem with RFCs, as bending legs caused RFC to become open circuited. Result was dead RFC.
May be I will update kits with RFX2 as an RFC with 47-100uH to improve noise effect.

Thank you for your effort and interest.

73s/Dinesh Gajjar

973. Re: AAZ-0914A - noise on plots between 1 and 10MHz - modification to fix this problem.

Yahoo group: foxdelta
Date: 2014-11-21 09:37:04 UTC
From: dave@...
Topic: 971 Message: 973

Hello Dinesh,

Thanks for confirming the reason for the noise problem. I check the inductance of the FBX chokes and they are only 0.4 microhenry. I see from some of the earlier designs that you used 33 microhenry chokes for the various power rail filters etc which would reduce the digital noise from the microprocessor and from the USB +5v supply from the PC much more than the current FBX chokes. However that said just replacing FBX2 with a 100 microhenry choke has the most significant effect at cleaning up the plot at the LF end.

OK on the choke failures - as you say just bending the leads without using thin nose pliers can snap the termination wire of the choke on the leads.

73,

Dave G3XOU

974. Re: AAZ-0713A not working

Yahoo group: foxdelta
Date: 2014-11-21 20:12:49 UTC
From: bowtieguy@...
Topic: 835 Message: 974

I put this project up this past spring and have to fixed it yet.

Any ideas on where to start?

I would really like to get this working rather that buying a new updated kit.

975. Re: AAZ-0713A not working

Yahoo group: foxdelta
Date: 2014-11-22 07:14:28 UTC
From: vu2fd@...
Topic: 835 Message: 975

Hello

If your AAZ-0713A is not working, please contact me at esales@foxdelta.com with details.
I do not think that group can help you.

Also, updated version is same as 0713A and buying newer version will not solve the issues that you may have faced with 0713A

Regards/Dinesh Gajjar

976. Re: AAZ-0713A not working

Yahoo group: foxdelta
Date: 2014-11-22 14:22:12 UTC
From: bowtieguy@...
Topic: 835 Message: 976

Thank you, I will do just that.

I am working this weekend but will get in contact soon.

73, de W8ICE

977. ST2- fluctuating azimuth at full stop

Yahoo group: foxdelta
Date: 2014-11-27 01:20:56 UTC
From: tggoodrich@...
Topic: 977 Message: 977

Hi All,
New to the group because I have a problem with my ST2. My azimuth indication doesn't stay at one heading. Instead, if it should be on say 210 degrees, it will rapidly change from 207, to 223, to 215, to 205, etc…. Fluctuating within a 15-20 degree range. After being in contact with Dinesh and having replaced my PIC and crystal, the problem persists.

Any ideas of what could be causing this?

Thanks,
Tim
K6TW

978. Re: [foxdelta] ST2- fluctuating azimuth at full stop

Yahoo group: foxdelta
Date: 2014-11-27 14:45:02 UTC
From: Mike Penkas
Topic: 977 Message: 978

Hi,
When it does the fluctuation are the up/down and L/R front panel buttons functional? If they are not it is probably the serial port connection. Ever since I went to a new computer without hard 9 pin serial ports I have also experienced this. I have both USB to serial adapters and a 4 port serial card plugged into an expansion port and the issue is the same. The only solution I found is plugging/unplugging the rear panel serial connection and turning the power to the controller on/off until it settles down and connects. Probably something to do with the state of the PIC in relation to serial polling.
I just leave it on all the time.
Mike WA8EBM

Sent from my iPad

> On Nov 26, 2014, at 20:20, tggoodrich@... [foxdelta] <foxdelta@yahoogroups.com> wrote:
>
> Hi All,
>
> New to the group because I have a problem with my ST2. My azimuth indication doesn't stay at one heading. Instead, if it should be on say 210 degrees, it will rapidly change from 207, to 223, to 215, to 205, etc…. Fluctuating within a 15-20 degree range. After being in contact with Dinesh and having replaced my PIC and crystal, the problem persists.
>
>
>
> Any ideas of what could be causing this?
>
>
>
>
>
> Thanks,
>
> Tim
>
> K6TW
>
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>

979. Errors in AAZ-0914A-BT schematic

Yahoo group: foxdelta
Date: 2014-11-27 22:39:56 UTC
From: Dave Wright
Topic: 979 Message: 979

Hello Dinesh,

I decided to build the AAZ-0914A-BT Bluetooth module on a piece of Veroboard using the LCTech HC05 Bluetooth module. On checking the schematic AAZ-0914A-BT and comparing the pin connections of FRC16 with the MPIO connector on the AAZ-0914A schematic I believe that the BT TX and BT TX lines are not shown on the correct pins on the AAZ-0914A-BT schematic. According to the AAZ-0914A schematic they should be on pin 4 (BT TX) and Pin 6 (BT RX). Currently on the AAZ-0914A-BT schematic they are shown on pin 3 and pin 5. The photo of the PCB on document AAZ-0914A-BT.pdf seems to confirm this. Please can you confirm which is correct and also if the firmware V6.01 supports the Blue Tooth module.

73,

Dave, G3XOU

980. Re: Errors in AAZ-0914A-BT schematic

Yahoo group: foxdelta
Date: 2014-11-28 02:57:41 UTC
From: vu2fd@...
Topic: 979 Message: 980

Hello Dave

That is possible. I will be getting new boards in a day or two and will make final schematic and update.
Yes, PIN 4 and 6 are used for BT and FW V601 supports BT function.
It should work well.

73s/Dinesh Gajjar

981. AAZ-0914A-BT1 schematic

Yahoo group: foxdelta
Date: 2014-11-28 04:06:56 UTC
From: vu2fd@...
Topic: 979 Message: 981

Hello Dave

I have updated AAZ-0914A webpage. Some newer info on BT module and almost final schematic is available.

Please visit: Foxdelta 50MHZ Antenna analyzer: AAZ-0914A: By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD http://www.foxdelta.com/products/aaz-0914a.htm

http://www.foxdelta.com/products/aaz-0914a.htm

Foxdelta 50MHZ Antenna analyzer: AAZ-0914A: By ...
http://www.foxdelta.com/products/aaz-0914a.htm Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta

View on www.foxdelta.com http://www.foxdelta.com/products/aaz-0914a.htm
Preview by Yahoo

73s/Dinesh Gajjar

982. Re: [foxdelta] ST2- fluctuating azimuth at full stop

Yahoo group: foxdelta
Date: 2014-12-02 18:18:07 UTC
From: tim@...
Topic: 977 Message: 982

Yes, the up/down and left/right buttons on the ST2 work normally when the serial cable is connected. Also, it worked perfectly with this same serial/usb interface prior to the problem appearing.

Any other ideas?

Tim
K6TW

983. Fox Echo

Yahoo group: foxdelta
Date: 2014-12-07 23:42:59 UTC
From: CyclingSoldier
Topic: 983 Message: 983

I finished my FoxEcho kit a while back, but have just gotten around to trying to test it with a transceiver. No matter what I try it seems to be stuck on transmit. I’ve checked everything I can think of, and unfortunately the documentation doesn’t show any troubleshooting. I’ve double checked all the chips to make sure I didn’t put any in the wrong spots or backwards, and I’ve checked the solder joints as well. I’ve tried it with HTs with the HT jumper shorted and not shorted. I’ve also tried it with a base rig that’s currently working fine with a TNC-X.

Any suggestions would be helpful. It’s a beautiful looking project and I'd hate to see it be a paperweight!

73,

Jack KE4LWT

984. Re: [foxdelta] AAZ-0914A-BT1 schematic

Yahoo group: foxdelta
Date: 2014-12-08 05:27:38 UTC
From: <normla06@...>
Topic: 979 Message: 984

Hi Dinesh

In the PDF for AAZ-0914A-BT, on the schematic R1 is going to pin 4 on FRC16 while on the PCB silk R1 goes to pin 6 on FRC16. Maybe my eyes are just tired!

Norm

Sent from Windows Mail

From: vu2fd@yahoo.com [foxdelta]
Sent: □Thursday□, □November□ □27□, □2014 □11□:□06□ □PM
To: foxdelta@yahoogroups.com

Hello Dave

I have updated AAZ-0914A webpage. Some newer info on BT module and almost final schematic is available.

Please visit: Foxdelta 50MHZ Antenna analyzer: AAZ-0914A: By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD

image

Foxdelta 50MHZ Antenna analyzer: AAZ-0914A: By ...
Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta

View on www.foxdelta.com

Preview by Yahoo

73s/Dinesh Gajjar

985. Re: [foxdelta] AAZ-0914A-BT1 schematic

Yahoo group: foxdelta
Date: 2014-12-08 07:03:46 UTC
From: vu2fd@...
Topic: 979 Message: 985

Hello

Board is correct and as I have mentioned, I will update schematic once testing is completed.
For PIC:
FRC PIN 4 is TX
FRC PIN 6 is RX

However, pin swap is possible till final testing.

Wait a while!!

73s/Dinesh Gajjar

986. Re: AAZ-0912 Update

Yahoo group: foxdelta
Date: 2014-12-11 20:11:12 UTC
From: ac2lq@...
Topic: 640 Message: 986

No current plans to add Linux support for SWRA, but I am interested in doing so for the AAZ.

What functionality is present in the software for the M$ OS family?

73 de John/NV2K

987. Help with AAZ-0914A

Yahoo group: foxdelta
Date: 2014-12-14 21:52:09 UTC
From: Sean Hawkes
Topic: 987 Message: 987

I finished building the AAZ-0914A on Friday and tested it on my inverted V that is usually about 1.3 to 1 without a tuner and got a good graph for 10 meters. Today when trying it again it now doesn't work properly. Now that same antenna reads a constant 9.4 to 1 from 1 to 35 Mhz. I have tried recalibration, plugging into a powered hub, different computer and nothing changes. Oh and forgot to mention earlier that into a dummy load it reads about 11 to 1 and unplugged reads infinity.

--
Sean Hawkes
KJ6TIE
smhawkes@...

988. Re: Help with AAZ-0914A

Yahoo group: foxdelta
Date: 2014-12-15 01:40:39 UTC
From: smhawkes@...
Topic: 987 Message: 988

Just a correction to my post with a dummy load it reads about 1 to 1 not 11 to 1.

989. Re: Help with AAZ-0914A

Yahoo group: foxdelta
Date: 2014-12-15 03:56:18 UTC
From: vu2fd@...
Topic: 987 Message: 989

Hello

First, If it worked once, no need to change PC or Hub etc.
Second, if very high SWR noted, it may be a reason related to:

1. Open at BNC center. (look at BNC and associated parts)
2. AD9307 damage (check voltages at PIC PIN2)
3. No signal from DDS (check if 10MHZ present at BNC at power up)

You may contact me at esales@foxdelta.com for any hardware problem.

Regards/Dinesh Gajjar

990. Re: Help with AAZ-0914A

Yahoo group: foxdelta
Date: 2014-12-15 04:47:47 UTC
From: smhawkes@...
Topic: 987 Message: 990

The BNC looks ok, PIC pin 2 has 2 volts and 9.9999 MHZ at bnc at power up. Should the bnc always read 10 MHZ? because it does not change even when scanning the bands.

991. Re: Help with AAZ-0914A

Yahoo group: foxdelta
Date: 2014-12-15 06:55:32 UTC
From: vu2fd@...
Topic: 987 Message: 991

Hello

When connected to PC and if you run scan, freq must change.
Better, go to "Generator" in menu and see if freq is generated as per PC software.

If Freq Generation is good, next step will be to see if possible open circuit between BNC and AD8307 or perhaps, static damage of AD8307, in that case, no voltage change at PIC pin2.

73s/Dinesh Gajjar

992. Re: Help with AAZ-0914A

Yahoo group: foxdelta
Date: 2014-12-15 17:08:39 UTC
From: smhawkes@...
Topic: 987 Message: 992

The frequency does not change from 10MHZ no matter what I set the generator frequency to.

993. Re: Help with AAZ-0914A

Yahoo group: foxdelta
Date: 2014-12-16 03:23:35 UTC
From: smhawkes@...
Topic: 987 Message: 993

There is no voltage change at PIC pin 2 constantly at 2 volts.

994. Re: Help with AAZ-0914A

Yahoo group: foxdelta
Date: 2014-12-16 03:34:28 UTC
From: vu2fd@...
Topic: 987 Message: 994

Hello

Check if you have communication with AAZ.
Perhaps you must update dotnet from microsoft for your WIN OS
No change in freq is an indication that PC is not communicating with AAZ.

Was the board recognized by PC?

PIN2 voltages may not change because there is no change in freq at BNC

73s/Dinesh Gajjar

995. Re: Help with AAZ-0914A

Yahoo group: foxdelta
Date: 2014-12-16 18:34:59 UTC
From: smhawkes@...
Topic: 987 Message: 995

The board is recognized and the software shows it is connected. I am using Windows 7 64 bit, I will check what version of dot net I have when I get home from work. Do you know what the latest version is for Windows 7?

996. Re: Help with AAZ-0914A

Yahoo group: foxdelta
Date: 2014-12-17 03:44:41 UTC
From: smhawkes@...
Topic: 987 Message: 996

I have dot net 4.51 and I believe that is the latest version. Something that I noticed today is if the SWRAnalyzer software is running and I power cycle the AAZ it will sometimes read 0MHZ at the BNC until I close the program and power cycle the AAZ.

997. Re: SWRA Bluetooth problems

Yahoo group: foxdelta
Date: 2014-12-19 22:50:58 UTC
From: maryalanab@...
Topic: 799 Message: 997

Any updates? My 0713a works fine on the PC, on bluetooth is works as a sig gen, but no swr scan still.

998. AAZ Software for GNU/Linux

Yahoo group: foxdelta
Date: 2014-12-20 02:48:55 UTC
From: ac2lq@...
Topic: 998 Message: 998

As I indicated in a different post, I am interested in investigating the possibility of writing open-source software for the AAZ that would not require the Redmond virus to run.

There is a bit of a Catch-22, because I don't currently have one, and really can't use one without software. But if I need to obtain one to write software that I (and others running various distros of GNU/Linux) can run, I need to feel confident I can write the software. And, for that, I need to know something about the device and what the software for M$ does and some idea of how it does it.

What kind of functionality does the existing software have? What protocols are used to connect the device to the host, drive the device, and get useful data from it?

TU es VY 73 de John/NV2K

999. SWRA v6.02

Yahoo group: foxdelta
Date: 2014-12-20 06:55:28 UTC
From: i2tzk@...
Topic: 999 Message: 999

Hi
this is to inform that the new release v6.02 of SWRAnalyzer f/w & s/w is now available for download from my website.
The User Guide 6.02 is also available.
73's Tony

Welcome to Amateur Radio Station I2TZK in ANGERA, ITALY http://www.i2tzk.com

http://www.i2tzk.com

Welcome to Amateur Radio Station I2TZK in ANGERA, ... http://www.i2tzk.com I2TZK in Angera, Italy

View on www.i2tzk.com http://www.i2tzk.com
Preview by Yahoo

1000. Re: AAZ Software for GNU/Linux

Yahoo group: foxdelta
Date: 2014-12-20 07:02:05 UTC
From: i2tzk@...
Topic: 998 Message: 1000

John
the "SWRA User Guide" is a good starting point to understand the functionalities of Windows and Android versions of the program.
Pvm me if you need assistance abt the communication protocol.

73's Tony, i2tzk

1001. Re: [foxdelta] SWRA v6.02

Yahoo group: foxdelta
Date: 2014-12-20 14:18:29 UTC
From: Timothy Hickman
Topic: 999 Message: 1001

Hi Tony,
I have the SWRAnalyzer with your software and it is great.
The firmware update manual speaks to updating AAZ-0914A
I have the AAZ-0713A board with S/W 05.03 - F/W 05.02
Can I and should I up-date the firmware and software?
is there any different procedures when using the AAZ-0713A board.
Thank you,
73's
Tim
N3JON

On 12/20/2014 01:55, i2tzk@... [foxdelta] wrote:
> Hi
> this is to inform that the new release v6.02 of SWRAnalyzer f/w & s/w
> is now available for download from my website.
> The User Guide 6.02 is also available.
> 73's Tony

1002. Re: [foxdelta] SWRA v6.02

Yahoo group: foxdelta
Date: 2014-12-20 14:43:50 UTC
From: i2tzk@...
Topic: 999 Message: 1002

Hi Tim
v6.02 f/w & s/w are compatible with the board AA0713, if you like you can update to this version.

Follow the "SWRA Upgrade user guide 6.02" knowing that the only difference is the position of jumper "update".
In the AA0713 board the jumper "update" is located next to the BNC connector.

73's Tony

1003. Re: [foxdelta] SWRA v6.02

Yahoo group: foxdelta
Date: 2014-12-20 20:09:13 UTC
From: Timothy Hickman
Topic: 999 Message: 1003

Hi Tony,
The firmware updated easily.
What improvements or fixes are in 6.02 firmware and software.
I have the AAZ-0912/0713 bluetooth board.
I notice that I have to start then stop then start the scan to get it to work on my Samsung Galaxy III when I switch bands.
Thanks for all the good work!
Tim
N3JON

On 12/20/2014 09:43, i2tzk@... [foxdelta] wrote:
>
> Hi Tim
> v6.02 f/w & s/w are compatible with the board AA0713, if you like you
> can update to this version.
>
> Follow the "SWRA Upgrade user guide 6.02" knowing that the only
> difference is the position of jumper "update".
> In the AA0713 board the jumper "update" is located next to the BNC
> connector.
>
> 73's Tony
>
>

1004. Re: Help with AAZ-0914A

Yahoo group: foxdelta
Date: 2014-12-21 02:19:39 UTC
From: smhawkes@...
Topic: 987 Message: 1004

Today I updated successfully to firmware 6.02 but the problem still is there. I always have my frequency counter connected while testing, now some times when I set the generator frequency and then unplug and reconnect the usb cable it will be at the generator frequency but I can't change it. Some times it will go to the frequency I set then go to 0MHZ.

1005. Re: [foxdelta] SWRA v6.02

Yahoo group: foxdelta
Date: 2014-12-21 11:45:38 UTC
From: pe3hmp
Topic: 999 Message: 1005

can you tell me what has changed since version 4 ?

73
Mark

From: mailto:foxdelta@yahoogroups.com
Sent: Saturday, December 20, 2014 7:55 AM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] SWRA v6.02

Hi
this is to inform that the new release v6.02 of SWRAnalyzer f/w & s/w is now available for download from my website.
The User Guide 6.02 is also available.
73's Tony

Welcome to Amateur Radio Station I2TZK in ANGERA, ITALY

Welcome to Amateur Radio Station I2TZK in ANGERA, ...
I2TZK in Angera, Italy
View on www.i2tzk.com Preview by Yahoo

1006. Re: [foxdelta] SWRA v6.02

Yahoo group: foxdelta
Date: 2014-12-21 14:26:32 UTC
From: i2tzk@...
Topic: 999 Message: 1006

Download - SWR Analyzer What Is new v5.05.pdf http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=161:swr-analyzer-what-is-new-v5-05

http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=161:swr-analyzer-what-is-new-v5-05

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View on www.i2tzk.com http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=161:swr-analyzer-what-is-new-v5-05
Preview by Yahoo

1007. Analizer AA0-912a

Yahoo group: foxdelta
Date: 2014-12-22 16:12:09 UTC
From: jmmendicoa@...
Topic: 1007 Message: 1007

Dear friends having an Analizer AA.0912a ver 5.05 could i upgrade to ver6.03
and if i can , what would i gain. AA-0912a is PC only
Thanks for any kind of answer

Jose Mendicoa Venezuela

1008. Re: Analizer AA0-912a

Yahoo group: foxdelta
Date: 2014-12-23 19:56:19 UTC
From: xp1800@...
Topic: 1007 Message: 1008

Yes , you can.
I have the same version , and have update mine this morning.
I like this analyzer a lot. :-)

1009. commande kit AAZ-0914a

Yahoo group: foxdelta
Date: 2014-12-24 13:59:55 UTC
From: getstouss@...
Topic: 1009 Message: 1009

Bonjour,

je souhaite commander le kit, mais je ne trouve pas le module bluethoot...
Quel différence entre la commande montée ou pas? c'est 54 usd le kit + 54 usd pour le monter
ou
54 USD le kit monté ou pas

Je ai bien une idèe de la réponse, mais je préfere etre sur.

Mer avance pour votre réponse.
cordialement
Gaetan

Bonjour,
Je veux commander le kit, mais je ne peux pas trouver le module BLUETHOOT ... Quelle différence entre la hausse ou pas de contrôle? est de 54 USD 54 USD + kit à monter ou 54 USD le kit ou non assemblé
Je ai une idée de la réponse, mais je préfère être sur.
Mer avance pour votre réponse. cordialement Gaetan

1010. Re: AAZ Software for GNU/Linux

Yahoo group: foxdelta
Date: 2014-12-25 22:04:46 UTC
From: w4bru@...
Topic: 998 Message: 1010

I got the AAZ-0914A for Christmas! I love to melt solder so I'm looking forward to building it. I am mostly a Ubuntu Linux user with only one old tower PC running Windows XP. My antennas are on the roof so the tower will not do.
I am willing to help John with the Linux work. Since Android is a form of Linux, the conversion should not be dramatic, maybe some different APIs. I used to be a competent coder and can relearn some of it if needed. I downloaded "SWRA User Guide Android v1.03.pdf". I do not see any Android code or other logic descriptions in it. Perhaps I did not find the right version.
The Android tablet seems the best option for roof top antenna work. It appears the bluetooth kit is not available for the newer 0914 version. Any workarounds so I can use it?73, Bruce, W4BRU

1011. Re: AAZ Software for GNU/Linux

Yahoo group: foxdelta
Date: 2014-12-26 05:49:30 UTC
From: vu2fd@...
Topic: 998 Message: 1011

Hello Bruce
BT Add-on module for AAZ-0914A will be available soon (by end of this month)
Delay due to HC05 modules

73s/Dinesh Gajjar

1012. Bluetooth module -- When???

Yahoo group: foxdelta
Date: 2014-12-26 15:04:47 UTC
From: avavra1@...
Topic: 1012 Message: 1012

Any word when the Bluetooth module will be available for the AAZ0914?

1013. Re: AAZ Software for GNU/Linux

Yahoo group: foxdelta
Date: 2014-12-26 22:31:15 UTC
From: Mary Brown
Topic: 998 Message: 1013

Any hints on the android software? I just did a clean install on my phone using the latest version off the web site and it still won't do an swr scan. It works fine via Bluetooth as a signal generator though. Also works fine vie USB to a computer. So the Android software still has a bug. This is the second phone I have tried this on, I have a Motorola Droid Maxx now running Android version 4.4.4, previous phone was a Motorola Droid 3. Same exact problem both phones.

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

1014. Re: [foxdelta] Re: AAZ Software for GNU/Linux

Yahoo group: foxdelta
Date: 2014-12-27 05:07:52 UTC
From: Timothy Hickman
Topic: 998 Message: 1014

Mary,
I notice that I have to start then stop then start the scan to get it to work on my Samsung Galaxy III.
But it does work
Tim

On 12/26/2014 17:31, 'Mary Brown' maryalanab@... [foxdelta] wrote:
> Any hints on the android software? I just did a clean install on my phone
> using the latest version off the web site and it still won't do an swr
> scan.
> It works fine via Bluetooth as a signal generator though. Also works fine
> vie USB to a computer. So the Android software still has a bug. This
> is the
> second phone I have tried this on, I have a Motorola Droid Maxx now
> running
> Android version 4.4.4, previous phone was a Motorola Droid 3. Same exact
> problem both phones.

1015. Re: [foxdelta] Re: AAZ Software for GNU/Linux

Yahoo group: foxdelta
Date: 2014-12-27 09:42:53 UTC
From: maryalanab@...
Topic: 998 Message: 1015

Tried multiple times. It does zero. The bluetooth interface is why I went this route, I always have a phone with me and the Droid Maxx with a 5 inch screen has tons of display room. Are you running in portrait or landscape mode.

1016. Antenna Analyzer not functioning properly

Yahoo group: foxdelta
Date: 2014-12-28 02:39:22 UTC
From: chuckbadger@...
Topic: 1016 Message: 1016

I purchased the AAZ-0914A Antenna Analyzer and put it together this afternoon. Software version is 6.02, the firmware is version 6.01. When I run the calibration program, I get the same swr reading for open and shorted at the BNC connector, with both reading 8330. I have looked over all my solder joints, but do not see anything obvious. Any ideas?

I was going to update the firmware to 6.02, but am unable to find the bootloader that is needed to update the firmware. Where do I get the bootloader from?

Thanks,
Chuck
N7NBS

1017. Re: [foxdelta] Re: AAZ Software for GNU/Linux

Yahoo group: foxdelta
Date: 2014-12-28 05:27:09 UTC
From: Dennis Rogers
Topic: 998 Message: 1017

If you need additional help in testing, I would be glad to help. I have several Android devices. Samsung phone, tablets, and run multiple Linux mini PCs. I have a background in programming and would like to get some developed around Debian Linux as in Ubuntu and Debian Wheezy for credit card size pc ' s like the Raspberry Pi, Banana Pi, and pcDuino types. I have many Arduino projects and now using some of the Dual-core and Quad-core pcDuino mini pc ' s to host my arduino projects. I write them in C and C++ languages.

Dennis
N5VRP
n5vrp.satx@...
Merry Christmas and Happy New Year!!!
On Dec 27, 2014 10:13 AM, "maryalanab@... [foxdelta]" <
foxdelta@yahoogroups.com> wrote:

>
>
> Tried multiple times. It does zero. The bluetooth interface is why I went
> this route, I always have a phone with me and the Droid Maxx with a 5 inch
> screen has tons of display room. Are you running in portrait or landscape
> mode.
>
>

1018. Re: Antenna Analyzer not functioning properly

Yahoo group: foxdelta
Date: 2014-12-29 00:24:36 UTC
From: chuckbadger@...
Topic: 1016 Message: 1018

Could my problem be due to the two different versions of software/firmware?

Chuck
N7NBS

1020. Re: [foxdelta] Re: Antenna Analyzer not functioning properly

Yahoo group: foxdelta
Date: 2014-12-30 00:56:37 UTC
From: Chuck Badger
Topic: 1016 Message: 1020

Tony, I attempted to update the firmware, but can not find the bootloader that is needed.
 I am using a USB cable, and have tried it on two different computers with no success.
Please provide a link to the bootloader so that I can update the firmware on the antenna analyzer, and I will see if that will fix it. Thanks.
ChuckN7NBS

From: "i2tzk@fastwebnet.it [foxdelta]" <foxdelta@yahoogroups.com>
To: foxdelta@yahoogroups.com
Sent: Monday, December 29, 2014 3:17 AM
Subject: [foxdelta] Re: Antenna Analyzer not functioning properly

  Chuck
please update to v1.06 and try to increase the Bluetooth communication delay.

Tony, i2tzk

1021. Re: [foxdelta] Re: Antenna Analyzer not functioning properly

Yahoo group: foxdelta
Date: 2014-12-30 06:14:45 UTC
From: i2tzk@...
Topic: 1016 Message: 1021

Hi Chuck
you can download copy of the Microchip bootloader from my website:
Welcome to Amateur Radio Station I2TZK in ANGERA, ITALY http://www.i2tzk.com

http://www.i2tzk.com

Welcome to Amateur Radio Station I2TZK in ANGERA,... http://www.i2tzk.com I2TZK in Angera, Italy

View on www.i2tzk.com http://www.i2tzk.com
Preview by Yahoo

section: "Download"
subfolder: "Microchip Bootloader"
filename: "Microchip Bootloader v2.90a.zip"

Download - Microchip Bootloader 2.90a.zip http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=140:microchip-bootloader-2-90a

http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=140:microchip-bootloader-2-90a

Download - Microchip Bootloader 2.90a.zip http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=140:microchip-bootloader-2-90a I2TZK in Angera, Italy

View on www.i2tzk.com http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=140:microchip-bootloader-2-90a
Preview by Yahoo

You can download last available f/w & s/w versions from the subfolder "SWR Analyzer":

Windows Pgm v6.02 filename: "SWRA Win v6.02.zip"
Pic 18F2550 f/w v6.02 filename: "SWRA Firmware v6.02.zip"
Android application v1.06 filename. "SWRA Android 1.06.zip" or "SWRA.apk"

Hope this help
73's Tony

1022. Re: [foxdelta] Re: Antenna Analyzer not functioning properly

Yahoo group: foxdelta
Date: 2014-12-31 01:54:30 UTC
From: Chuck Badger
Topic: 1016 Message: 1022

Thanks for the links. I have updated both software and firmware to version 6.02. However, my problem still is here. I get a flat line of max swr with the cable shorted, open, or with my dipole attached. Calibration program has been used, and shows 8330 swr with open or shorted antenna connection. I am led to believe that I must have done something wrong when I assembled the unit.
What are my options at this point? Thanks for your help.
ChuckN7NBS

From: "i2tzk@... [foxdelta]" <foxdelta@yahoogroups.com>
To: foxdelta@yahoogroups.com
Sent: Tuesday, December 30, 2014 12:14 AM
Subject: Re: [foxdelta] Re: Antenna Analyzer not functioning properly

  Hi Chuckyou can download copy of the Microchip bootloader from my website:Welcome to Amateur Radio Station I2TZK in ANGERA, ITALY
| |
| | | | Welcome to Amateur Radio Station I2TZK in ANGERA,... I2TZK in Angera, Italy | |
| View on www.i2tzk.com | Preview by Yahoo |
| |

section: "Download" subfolder: "Microchip Bootloader"filename: "Microchip Bootloader v2.90a.zip"
Download - Microchip Bootloader 2.90a.zip

| |
| | | | Download - Microchip Bootloader 2.90a.zip I2TZK in Angera, Italy | |
| View on www.i2tzk.com | Preview by Yahoo |
| |

You can download last available f/w & s/w versions from the subfolder "SWR Analyzer":
Windows Pgm v6.02 filename: "SWRA Win v6.02.zip"Pic 18F2550 f/w v6.02 filename: "SWRA Firmware v6.02.zip"Android application v1.06 filename. "SWRA Android 1.06.zip" or "SWRA.apk"
Hope this help73's Tony

1023. Re: [foxdelta] Re: Antenna Analyzer not functioning properly

Yahoo group: foxdelta
Date: 2014-12-31 08:25:02 UTC
From: i2tzk@...
Topic: 1016 Message: 1023

Chuck

Dinesh suggest several times on this forum to contact him for h/w problems at:
esales@foxdelta.com
surely he will help you better than me.

In the while:
1- go trough the PART LIST and verify one by one that all components are installed, values are correct, insertion sense pin nr 1 where needed is in the right position.
2- visually verify that there are NO COLD or MISSED solders, vias short cut or microinterruptions.
3- power on the SWRA board inserting the USB cable, DO NOT run the win pgm.
Check voltages as indicated by the AAZ-0914A Tech info document picture "component side silk"
4- if voltages are OK, verify that at BNC connector is present a 10MHz signal
You can do this using an oscilloscope or a frequency counter.
If you do NOT have one of these instruments use your receiver this way: connect a short piece of wire to your RX antenna and put it close the SWRA board, DO NOT connect this wire to BNC you could damnage your receiver. Power on the board, tune your receiver at 10MHz and search for a carrier around this frequency. If found power on/off the SWRA to be sure the carrier comes from SWRA.
5- if a 10MHz signal is present, run win pgm, select the tab GENERATOR, change the frequency and verify that at BNC there is a frequency very close to the one selected.
Repeat test for few frequency in the range 3-30MHz.

Let me know results.
73s Tony

1024. AAZ-0713a bluetooth will not do an SWR scan

Yahoo group: foxdelta
Date: 2015-01-01 04:22:27 UTC
From: maryalanab@...
Topic: 1024 Message: 1024

I am stumped, analyzer works fine on USB on the computer but I built this to use when I am building antennas out in the yard. Bluetooth works, I can use the phone connection as a signal generator just fine. When I scan it does nothing, just sits there.

I have downloaded and installed all the latest software/firmware, played with all the settings, nothing, won't scan. Using a Motorola Droid Maxx with Android 4.4.4. Open to suggestions.

And a bug is the scan button stays grayed out until I change phone orientation from landscape to portrait. I don't want to spend money on a display when I carry a 5 inch screen phone with me all the time...

1025. R: [foxdelta] AAZ-0713a bluetooth will not do an SWR scan

Yahoo group: foxdelta
Date: 2015-01-01 05:59:20 UTC
From: i2tzk
Topic: 1025 Message: 1025

Hi
Sorry never tested on Motorola devices only Samsung.
Did you install v1.06 ?? Try to increase the "BT communication delay" in SetUp.

Happy new year.
73s Tony

Inviato da Tablet Samsung"maryalanab@gmail.com [foxdelta]" <foxdelta@yahoogroups.com> ha scritto:I am stumped, analyzer works fine on USB on the computer but I built this to use when I am building antennas out in the yard. Bluetooth works, I can use the phone connection as a signal generator just fine. When I scan it does nothing, just sits there.

I have downloaded and installed all the latest software/firmware, played with all the settings, nothing, won't scan. Using a Motorola Droid Maxx with Android 4.4.4. Open to suggestions.

And a bug is the scan button stays grayed out until I change phone orientation from landscape to portrait. I don't want to spend money on a display when I carry a 5 inch screen phone with me all the time...

1026. Re: R: [foxdelta] AAZ-0713a bluetooth will not do an SWR scan

Yahoo group: foxdelta
Date: 2015-01-01 10:01:24 UTC
From: Mary Brown
Topic: 1025 Message: 1026

I have increased the BT delay with no effect. And if it works on BT as a signal gen then communications are working. Something is keeping it from scanning. Listening on a HF rig as I send it to scan has no signal sweeping by so it is not even starting the generator and stepping it. Is the source code for this available anywhere? I have done some programming and can put my phone into developer mode.

Mary W0AAT

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

1027. RE: R: [foxdelta] AAZ-0713a bluetooth will not do an SWR scan

Yahoo group: foxdelta
Date: 2015-01-02 01:28:17 UTC
From: tom armour
Topic: 1025 Message: 1027

Bluetooth worked fine for me on my Droid Maxx 3 months ago. I have not tested it recently. I can test again once I get done with Holiday travels.
It also worked with my previous Droid Razr, the original Motorola Droid with the slide out keyboard and with my Dell laptop running Win 8.1 (Bluetooth and USB).
Tom - wa4ta

From: foxdelta@yahoogroups.com
To: foxdelta@yahoogroups.com
Date: Thu, 1 Jan 2015 06:59:20 +0100
Subject: R: [foxdelta] AAZ-0713a bluetooth will not do an SWR scan

HiSorry never tested on Motorola devices only Samsung.Did you install v1.06 ?? Try to increase the "BT communication delay" in SetUp.
Happy new year.73s Tony

Inviato da Tablet Samsung
"maryalanab@... [foxdelta]" <foxdelta@yahoogroups.com> ha scritto:

I am stumped, analyzer works fine on USB on the computer but I built this to use when I am building antennas out in the yard. Bluetooth works, I can use the phone connection as a signal generator just fine. When I scan it does nothing, just sits there.

I have downloaded and installed all the latest software/firmware, played with all the settings, nothing, won't scan. Using a Motorola Droid Maxx with Android 4.4.4. Open to suggestions.

And a bug is the scan button stays grayed out until I change phone orientation from landscape to portrait. I don't want to spend money on a display when I carry a 5 inch screen phone with me all the time...

1028. RE: R: [foxdelta] AAZ-0713a bluetooth will not do an SWR scan

Yahoo group: foxdelta
Date: 2015-01-02 07:54:40 UTC
From: i2tzk@...
Topic: 1025 Message: 1028

Hi Tom
happy new year, nice to read you again.

One question for you.
What is the Android release of your Droid Maxx ?
Did you update to apk v1.06?

Thanks, ciao Tony

1029. AAZ-0713A reversed display on PC

Yahoo group: foxdelta
Date: 2015-01-03 19:19:55 UTC
From: Timothy Hickman
Topic: 1029 Message: 1029

My FD- AAZ-0713A after working for a long time stopped showing the display correctly. On 2 known antennas the SWR graft is reversed the points that show low SWR are now showing small peaks - the range is compressed and flipped.
What in the world would cause this and how can I fix it.
I love the analyzer and this is very disappointing.
Any ideas?
Help!
Tim
N3JON

1030. FC1 Rev1011

Yahoo group: foxdelta
Date: 2015-01-05 02:49:56 UTC
From: garryfoster@...
Topic: 1030 Message: 1030

Hello new member here. I purchased this kit to see how these kits look in general. Arrived quickly and sit here fro sometime before I got around to assembling it. WI am very impressed with every aspect of the kit but sadly it doesn't seem to work.

It powers up and the clock on the PIC is running, Back light can be turned on or off but no read out on the LCD at all. Sadly I am not sure where to go from here. I see some action on the lined from the pic to the display but at a lower rate than I expected.

Even if there is no input should there be any info on the display or is it completely till it starts getting an input frequency.

Is there a hidden indicator to show the program in the pic is running I know many pic projects have a point where they flash a LED to show the program is executing..

I know this isn't for after sale support but I can't find any email addresses and the data sheet link goes a file not found on the web site.

I have a decent scope but no logic analyzers....

And I have no other projects to check out the display on to see if it could be the problem...

Thanks for any help or pointers to get this up and running..
I have a decent scope but no logic analyzers....

And I have no other projects to check out the display on to see if it could be the problem..

Thanks Garry
WB0NNO
.

1031. Re: FC1 Rev1011

Yahoo group: foxdelta
Date: 2015-01-05 03:50:27 UTC
From: vu2fd@...
Topic: 1030 Message: 1031

Hello

You have not mentioned if contrast preset has any effect on LCD Display!
If you want help about hardware, always contact me at esales@foxdelta.com

Regards/Dinesh Gajjar

1032. Re: SWM3 Power meter and bridge calibration.

Yahoo group: foxdelta
Date: 2015-01-10 12:58:25 UTC
From: rhaendel@...
Topic: 605 Message: 1032

RE SWM3

I plugged in the SWM3 to a USB port. The LCD has two messages on
my screen.
ChA Scale: AUTO
ChB Scale: 100W

Backlight is on.

Program scans for Com ports 1 and 3 then fails. I've tried three USB ports on the computer, all work the same. A memory stick plugged into the same USB port works OK

Computer does not recognize SWR meter. What am I dong wrong.?
73 Rich W3ACO

1033. Re: [foxdelta] Re: SWM3 Power meter and bridge calibration.

Yahoo group: foxdelta
Date: 2015-01-10 14:07:43 UTC
From: Jesus Rivas
Topic: 605 Message: 1033

Hello.
Move rear switch for work with pc.
If you select alone mode, the usb not work and pc not recognize the swm3.

Un saludo, Jesús Rivas.

Sending by Android phone LG G3.
El 10/01/2015 15:02, "rhaendel@... [foxdelta]" <foxdelta@yahoogroups.com>
escribió:

>
>
> RE SWM3
>
> I plugged in the SWM3 to a USB port. The LCD has two messages on
> my screen.
> ChA Scale: AUTO
> ChB Scale: 100W
>
> Backlight is on.
>
> Program scans for Com ports 1 and 3 then fails. I've tried three USB ports
> on the computer, all work the same. A memory stick plugged into the same
> USB port works OK

>
> Computer does not recognize SWR meter. What am I dong wrong.?
> 73 Rich W3ACO
>
>

1034. Re: SWM3 Power meter and bridge calibration.

Yahoo group: foxdelta
Date: 2015-01-10 14:11:59 UTC
From: i2tzk@...
Topic: 605 Message: 1034

Hi
SWM3 USB interface is an HID not a COM interface.

What is the win program version are u using ?

When pgm starts and do not recognize the board do you get the frame:
"SWR bridge board not found" ??
If yes, click "Continue" then "SetUp"
When SetUp windows is presented, click the tab "Bridge" and select "SWM3 USB", save and restart.

73 Tony

1035. Re: [foxdelta] Re: SWM3 Power meter and bridge calibration.

Yahoo group: foxdelta
Date: 2015-01-10 14:49:14 UTC
From: Rich Haendel
Topic: 605 Message: 1035

Rear switch not installed. Supposed to work from PC only this way.

Rich W3ACO
----- Original Message -----
From: Jesus Rivas jr.ea4ep@... [foxdelta]
To: foxdelta@yahoogroups.com
Sent: Saturday, January 10, 2015 8:07 AM
Subject: Re: [foxdelta] Re: SWM3 Power meter and bridge calibration.

Hello.
Move rear switch for work with pc.
If you select alone mode, the usb not work and pc not recognize the swm3.

Un saludo, Jesús Rivas.

Sending by Android phone LG G3.

El 10/01/2015 15:02, "rhaendel@... [foxdelta]" <foxdelta@yahoogroups.com> escribió:

RE SWM3

I plugged in the SWM3 to a USB port. The LCD has two messages on
my screen.
ChA Scale: AUTO
ChB Scale: 100W

Backlight is on.

Program scans for Com ports 1 and 3 then fails. I've tried three USB ports on the computer, all work the same. A memory stick plugged into the same USB port works OK

Computer does not recognize SWR meter. What am I dong wrong.?
73 Rich W3ACO

1036. Re: [foxdelta] Re: SWM3 Power meter and bridge calibration.

Yahoo group: foxdelta
Date: 2015-01-10 14:49:49 UTC
From: Rich Haendel
Topic: 605 Message: 1036

using windows XP rev3
----- Original Message -----
From: i2tzk@fastwebnet.it [foxdelta]
To: foxdelta@yahoogroups.com
Sent: Saturday, January 10, 2015 8:11 AM
Subject: [foxdelta] Re: SWM3 Power meter and bridge calibration.

Hi
SWM3 USB interface is an HID not a COM interface.

What is the win program version are u using ?

When pgm starts and do not recognize the board do you get the frame:
"SWR bridge board not found" ??
If yes, click "Continue" then "SetUp"
When SetUp windows is presented, click the tab "Bridge" and select "SWM3 USB", save and restart.

73 Tony

1037. Re: [foxdelta] Re: SWM3 Power meter and bridge calibration.

Yahoo group: foxdelta
Date: 2015-01-10 15:01:20 UTC
From: Rich Haendel
Topic: 605 Message: 1037

When I get to Setup, I have 6 tabs, :
General, Channel A, Channel B, Data Log, Comm port, Debug.

In comm port tab, I have is COM1 and COM2. How do I get "Bridge" and SWM3 USB? I am using software version 02.02

73 Rich

----- Original Message -----
From: i2tzk@... [foxdelta]
To: foxdelta@yahoogroups.com
Sent: Saturday, January 10, 2015 8:11 AM
Subject: [foxdelta] Re: SWM3 Power meter and bridge calibration.

Hi
SWM3 USB interface is an HID not a COM interface.

What is the win program version are u using ?

When pgm starts and do not recognize the board do you get the frame:
"SWR bridge board not found" ??
If yes, click "Continue" then "SetUp"
When SetUp windows is presented, click the tab "Bridge" and select "SWM3 USB", save and restart.

73 Tony

1038. Re: [foxdelta] Re: SWM3 Power meter and bridge calibration.

Yahoo group: foxdelta
Date: 2015-01-10 15:09:16 UTC
From: i2tzk@...
Topic: 605 Message: 1038

Download and install SWR Meter v2.07.zip from here:
Download - SWR Meter 2.07.zip http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=151:swr-meter-2-07

http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=151:swr-meter-2-07

Download - SWR Meter 2.07.zip http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=151:swr-meter-2-07 I2TZK in Angera, Italy

View on www.i2tzk.com http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=151:swr-meter-2-07
Preview by Yahoo

1039. Re: [foxdelta] Re: SWM3 Power meter and bridge calibration.

Yahoo group: foxdelta
Date: 2015-01-10 15:11:25 UTC
From: Rich Haendel
Topic: 605 Message: 1039

I went to Windows Control Panel, device manager and found FoxDelta is on USB location 0, so computer "sees" meter. Program won't let me connect to USB, only COM 1 or COM 3.

When I go to Set up I DO NOT HAVE tab called "Bridge"
What next ?

73 Rich

----- Original Message -----
From: i2tzk@fastwebnet.it [foxdelta]
To: foxdelta@yahoogroups.com
Sent: Saturday, January 10, 2015 8:11 AM
Subject: [foxdelta] Re: SWM3 Power meter and bridge calibration.

Hi
SWM3 USB interface is an HID not a COM interface.

What is the win program version are u using ?

When pgm starts and do not recognize the board do you get the frame:
"SWR bridge board not found" ??
If yes, click "Continue" then "SetUp"
When SetUp windows is presented, click the tab "Bridge" and select "SWM3 USB", save and restart.

73 Tony

1040. Re: [foxdelta] Re: SWM3 Power meter and bridge calibration.

Yahoo group: foxdelta
Date: 2015-01-10 15:17:14 UTC
From: i2tzk@...
Topic: 605 Message: 1040

install program v2.07
Download - SWR Meter 2.07.zip http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=151:swr-meter-2-07

http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=151:swr-meter-2-07

Download - SWR Meter 2.07.zip http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=151:swr-meter-2-07 I2TZK in Angera, Italy

View on www.i2tzk.com http://www.i2tzk.com/index.php?option=com_rokdownloads&view=file&Itemid=55&id=151:swr-meter-2-07
Preview by Yahoo

1041. Re: [foxdelta] Re: SWM3 Power meter and bridge calibration.

Yahoo group: foxdelta
Date: 2015-01-10 22:21:58 UTC
From: Rich Haendel
Topic: 605 Message: 1041

Thanks to all those who helped me with my SWM3. It works fine !

----- Original Message -----
From: 'Rich Haendel' rhaendel@... [foxdelta]
To: foxdelta@yahoogroups.com
Sent: Saturday, January 10, 2015 9:01 AM
Subject: Re: [foxdelta] Re: SWM3 Power meter and bridge calibration.

□

When I get to Setup, I have 6 tabs, :
General, Channel A, Channel B, Data Log, Comm port, Debug.

In comm port tab, I have is COM1 and COM2. How do I get "Bridge" and SWM3 USB? I am using software version 02.02

73 Rich

----- Original Message -----
From: i2tzk@... [foxdelta]
To: foxdelta@yahoogroups.com
Sent: Saturday, January 10, 2015 8:11 AM
Subject: [foxdelta] Re: SWM3 Power meter and bridge calibration.

Hi
SWM3 USB interface is an HID not a COM interface.

What is the win program version are u using ?

When pgm starts and do not recognize the board do you get the frame:
"SWR bridge board not found" ??
If yes, click "Continue" then "SetUp"
When SetUp windows is presented, click the tab "Bridge" and select "SWM3 USB", save and restart.

73 Tony

1042. Re: [foxdelta] Re: SWM3 Power meter and bridge calibration.

Yahoo group: foxdelta
Date: 2015-01-10 16:43:51 UTC
From: Rich Haendel
Topic: 605 Message: 1042

RE SWM3. OK, I've downloaded v02.07.zip. It has 4 files, a pdf file, two hex files and a bootloader. I loaded the new firmware V02.07 into the meter. Now what program do I use in the computer to run it? I've erased everything else. I don't have an .exe file any more. What file should I download now?

73 Rich

73 Rich
----- Original Message -----
From: i2tzk@fastwebnet.it [foxdelta]
To: foxdelta@yahoogroups.com
Sent: Saturday, January 10, 2015 9:17 AM
Subject: Re: [foxdelta] Re: SWM3 Power meter and bridge calibration.

install program v2.07
Download - SWR Meter 2.07.zip

Download - SWR Meter 2.07.zip I2TZK in Angera, Italy
View on www.i2tzk.com Preview by Yahoo

1043. Re: [foxdelta] Re: SWM3 Power meter and bridge calibration.

Yahoo group: foxdelta
Date: 2015-01-10 16:52:51 UTC
From: Rich Haendel
Topic: 605 Message: 1043

Now where is the SWM3.exe file I can download to run in my computer?

73 Rich
----- Original Message -----
From: i2tzk@... [foxdelta]

To: foxdelta@yahoogroups.com
Sent: Saturday, January 10, 2015 9:17 AM

Subject: Re: [foxdelta] Re: SWM3 Power meter and bridge calibration.

install program v2.07
Download - SWR Meter 2.07.zip

Download - SWR Meter 2.07.zip I2TZK in Angera, Italy
View on www.i2tzk.com Preview by Yahoo

1044. Re: [foxdelta] AAZ-0713A reversed display on PC

Yahoo group: foxdelta
Date: 2015-01-11 20:33:46 UTC
From: Timothy Hickman
Topic: 1029 Message: 1044

The problem has been found and repaired.
A friend has diagnosed a blown 8307 SMD, and when it was replaced my analyzer
is working fine.
The AZZ was either hit with RF or a DC voltage on its BNC.
Tim
N3JON

On 1/3/2015 14:19, Timothy Hickman timothyhickman@... [foxdelta] wrote:
> My FD- AAZ-0713A after working for a long time stopped showing the
> display correctly. On 2 known antennas the SWR graft is reversed the
> points that show low SWR are now showing small peaks - the range is
> compressed and flipped.
> What in the world would cause this and how can I fix it.
> I love the analyzer and this is very disappointing.
> Any ideas?
> Help!
> Tim
> N3JON

1045. FC3 Construction questions

Yahoo group: foxdelta
Date: 2015-01-11 22:48:56 UTC
From: w2vu@...
Topic: 1045 Message: 1045

Hi. I am in the process of building the FC3 frequency counter kit, and have a few questions. I'd like to find out the answers before I do too much wrong and need to go back and fix...

1) After populating the board with all of the supplied capacitors, I noticed that there was no cap in the "C21" slot. Looking back at the parts list, I did not see C21 listed. Also, the photo of the completed kit on the FD website does not show anything in the C21 position. BUT ... the schematic shows C21 as a 1uF tantalum, running to ground from in-between U3 and the TCXO. So ... is C21 an essential part of the circuit as the schematic suggests? Or has the circuit been modified to omit it ? (Nothing in the notes about it not being part of the project)

2) Two .001 caps labeled as CX are noted as "key bounce caps. Install them if needed." How do I know if I need them? Will it hurt anything if I do install them and it turns out they're not needed?

3) RFC9 is labeled as "RFC9+BD," and there is indeed a ferrite bead included with the choke. There is no instruction on whether it matters which side of the the choke the bead should go on, and if so, which side it should go on. So ... does it matter which side of the choke the bead goes on, and if so, which side?

4) Finally (so far), I cannot find any indication on the OSC module as to which direction it should go (or if it matters). The board notes the position of pin 1, but the module does identify any of its pins. Guidance?

That's all so far ... I'm having fun building the kit and look forward to getting it finished and working. Thanks in advance and 73,

Rich W2VU

1046. Re: FC3 Construction questions

Yahoo group: foxdelta
Date: 2015-01-12 02:27:10 UTC
From: vu2fd@...
Topic: 1045 Message: 1046

Hello

FC3 Assembly:

1. C21 and U3 are for TCXO OPTION: 3.3V. Not used/needed for standard OSC supplied with kits

2. You may install CX 0.001 and it wont harm.

3. RFC9+Bead : Look at the picture on website. Bead goes at the Q1 side of RFC

4. OSC: Look at the four corners of OSC. They are not same. One corner has a cut. That is PIN 1 of OSC.

73s/Dinesh Gajjar

1047. Re: [foxdelta] Re: FC3 Construction questions

Yahoo group: foxdelta
Date: 2015-01-12 17:18:23 UTC
From: Richard Moseson
Topic: 1045 Message: 1047

Many thanks, Dinesh. I will take a closer look at the oscillator module and will check to make sure I have the bead on the correct side of RFC9.

Vy tnx & 73
Rich W2VU

At 09:27 PM 1/11/2015, you wrote:

?

Hello

FC3 Assembly:

1. C21 and U3 are for TCXO OPTION: 3.3V. Not used/needed for standard OSC supplied with kits

2. You may install CX 0.001 and it wont harm.

3. RFC9+Bead : Look at the picture on website. Bead goes at the Q1 side of RFC

4. OSC: Look at the four corners of OSC. They are not same. One corner has a cut. That is PIN 1 of OSC.

73s/Dinesh Gajjar

1048. connection error AAZ - 0713A

Yahoo group: foxdelta
Date: 2015-01-12 23:25:26 UTC
From: getstouss@...
Topic: 1048 Message: 1048

Hello,
My Antenna Analyzer Kit : AAZ - 0713A does not want to connect to pc via usb cable . I 've checked the power usb 4.8v 5v on point .
the usb cable is new and the interface is not even recognized by Windows 8.1.
Would you where the problem may come ?
thank you in advance for your answer.
gaetan

1049. panne FD-AAZ-0713A

Yahoo group: foxdelta
Date: 2015-01-12 20:16:22 UTC
From: getstouss@...
Topic: 1049 Message: 1049

Bonjour, Mon kit ne s'allume plus? Alimentation usb 4.8v sur l'ensemble des points de mesure 5v.
Il n'est plus reconnu par le windows 8.1, comme-ci il n’était pas connecté.
mon cable usb est neuf.
De uoi cela peut-il venir??
moipour la réponse.
gaetan

1050. Re: connection error AAZ - 0713A

Yahoo group: foxdelta
Date: 2015-01-13 00:28:42 UTC
From: chuckbadger@...
Topic: 1048 Message: 1050

I found that I would have to try connect, disconnect, reconnect the USB cable 2-3 times before my pc would recognize the antenna analyzer.

1051. Re: [foxdelta] panne FD-AAZ-0713A

Yahoo group: foxdelta
Date: 2015-01-13 01:18:26 UTC
From: Neil Foster
Topic: 1049 Message: 1051

English please....
Thanks
Neil N4FN

On 1/12/2015 3:16 PM, getstouss@... [foxdelta] wrote:
>
> Bonjour,
>
> Mon kit ne s'allume plus? Alimentation usb 4.8v sur l'ensemble des
> points de mesure 5v.
> Il n'est plus reconnu par le windows 8.1, comme-ci il n’était pas
> connecté.
> mon cable usb est neuf.
> De uoi cela peut-il venir??
> moipour la réponse.
> gaetan
>
> ---
> Posted by: getstouss@...
> ---

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

1052. Re: AAZ Software for GNU/Linux

Yahoo group: foxdelta
Date: 2015-01-13 02:19:53 UTC
From: ac2lq@...
Topic: 998 Message: 1052

w4bru wrote:

> I got the AAZ-0914A for Christmas!

Glad Santa was good to you!

> I am willing to help John with the Linux work.

Thank you! I have started a project at Sourceforge, at http://openswra.sourceforge.net, for ultimately hosting the project. The project page includes some strawman choices for languages, UI, licence, etc.

> Since Android is a form of Linux, the conversion should not
> be dramatic, maybe some different APIs.

Well, Android uses (a fork of) the Linux kernel. GNU/Linux uses the Linux kernel, as well. While the userlands are quite different, I hope much of what is under the hood would be usable on multiple platforms. However, I do not currently have the source for either the Android tool or the M$ version. Hopefully, that will change.

I think the first version would have very limited functionality, working from the command line.

73 de John/NV2K

1053. Re: AAZ Software for GNU/Linux

Yahoo group: foxdelta
Date: 2015-01-13 01:40:22 UTC
From: ac2lq@...
Topic: 998 Message: 1053

i2tzktony wrote:

> the "SWRA User Guide" is a good starting point to understand the
> functionalities of Windows and Android versions of the program.

Got it and have been reading it -- thank you.

Is the source of either version available under an Open Software Initiative license, such as GPL? It would be a tremendous help, and is in keeping with the hardware design being open to some extent.

> Pvm me if you need assistance abt the communication protocol.

Not sure what "Pvm" is, but I could use assistance with the communication protocol and other things, as well!

73 de John/NV2K

1054. Re: [foxdelta] panne FD-AAZ-0713A

Yahoo group: foxdelta
Date: 2015-01-13 02:40:44 UTC
From: Jeff Dale
Topic: 1049 Message: 1054

Same question that was asked a few minutes before this one always posted.
On Jan 12, 2015 9:39 PM, "Neil Foster archerNF@... [foxdelta]" <
foxdelta@yahoogroups.com> wrote:

>
>
> English please....
> Thanks
> Neil N4FN
>
>
> On 1/12/2015 3:16 PM, getstouss@... [foxdelta] wrote:
>
>

>
> Bonjour,
> Mon kit ne s'allume plus? Alimentation usb 4.8v sur l'ensemble des points
> de mesure 5v.
> Il n'est plus reconnu par le windows 8.1, comme-ci il n’était pas
> connecté.
> mon cable usb est neuf.
> De uoi cela peut-il venir??
> moipour la réponse.
> gaetan
> ---
> Posted by: getstouss@...
> ---
>
>
>
> ---
> <http://www.avast.com/>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com
>
>
>

1055. Re: [foxdelta] panne FD-AAZ-0713A

Yahoo group: foxdelta
Date: 2015-01-13 02:41:03 UTC
From: Jeff Dale
Topic: 1049 Message: 1055

Sorry... That was already posted. Stupid autocorrect
On Jan 12, 2015 9:39 PM, "Neil Foster archerNF@... [foxdelta]" <
foxdelta@yahoogroups.com> wrote:

>
>
> English please....
> Thanks
> Neil N4FN
>
>
> On 1/12/2015 3:16 PM, getstouss@... [foxdelta] wrote:
>
>
>
> Bonjour,
> Mon kit ne s'allume plus? Alimentation usb 4.8v sur l'ensemble des points
> de mesure 5v.
> Il n'est plus reconnu par le windows 8.1, comme-ci il n’était pas
> connecté.
> mon cable usb est neuf.
> De uoi cela peut-il venir??
> moipour la réponse.
> gaetan
> ---
> Posted by: getstouss@...
> ---
>
>
>
> ---
> <http://www.avast.com/>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com
>
>
>

1056. Re: AAZ Software for GNU/Linux

Yahoo group: foxdelta
Date: 2015-01-13 03:06:14 UTC
From: ac2lq@...
Topic: 998 Message: 1056

Dennis Rogers wrote:

> If you need additional help in testing, I would be glad to help.

TNX! Will keep you in mind!

73 de John/NV2K

1057. Mesages

Yahoo group: foxdelta
Date: 2015-01-13 09:31:22 UTC
From: archerNF@...
Topic: 1057 Message: 1057

Hello,
New to the group and I would like to set it to receive Daily Digests rather than individual messages but can not find a place to set it. Many thanks for the assist.
Neil N4FN

1058. RE: [foxdelta] Mesages

Yahoo group: foxdelta
Date: 2015-01-13 16:00:23 UTC
From: Lee Olson
Topic: 1057 Message: 1058

Under Membership, Edit Membership, Subscription.

Lee - N9LO

www.ole-lena.com

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
Sent: Tuesday, January 13, 2015 3:31 AM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Mesages

Hello,

New to the group and I would like to set it to receive Daily Digests rather than individual messages but can not find a place to set it. Many thanks for the assist.

Neil N4FN

1059. Re: connection error AAZ - 0713A

Yahoo group: foxdelta
Date: 2015-01-13 22:29:18 UTC
From: getstouss@...
Topic: 1048 Message: 1059

good evening,
It was well p18f .
I programmed with AAZ - V502 FULL version file.
After writing, the kit is connected right away. thank you for your help.

1060. Re: connection error AAZ - 0713A

Yahoo group: foxdelta
Date: 2015-01-13 22:11:40 UTC
From: getstouss@...
Topic: 1048 Message: 1060

good evening,
I tested the connection and disconnection of the USB cable , but it still does not recognize .
ad9850brs graphique module is powered 4.8v.;3.3v onZ2; tp+5v=4.8v;ad8307 = 4.8v ; pic18f = 4.8v. Is the pic 18f. can not delete? the problem comes from the analyzer is connected to a loop 160m.
thanks

1061. Re: connection error AAZ - 0713A

Yahoo group: foxdelta
Date: 2015-01-13 22:11:59 UTC
From: getstouss@...
Topic: 1048 Message: 1061

good evening,
I tested the connection and disconnection of the USB cable , but it still does not recognize .
ad9850brs graphique module is powered 4.8v.;3.3v onZ2; tp+5v=4.8v;ad8307 = 4.8v ; pic18f = 4.8v. Is the pic 18f. can not delete? the problem comes from the analyzer is connected to a loop 160m.
thanks

1062. AAZ-0912 vs. AAZ-0914

Yahoo group: foxdelta
Date: 2015-01-15 05:20:06 UTC
From: David Christ
Topic: 1062 Message: 1062

What is the difference between the AAZ-0912 analyzer that was previously sold and the current AAZ-0914?

David K0LUM

1063. Re: [foxdelta] Re: FC3 Construction questions

Yahoo group: foxdelta
Date: 2015-01-17 22:48:10 UTC
From: w2vu@...
Topic: 1045 Message: 1063
Attachments: 1 described; binary payloads are missing from this source WARC

Hi again,

I finished building my FC3 but it failed the "smoke test" when I powered it up to set up the software. I had the USB cable plugged in (first to the computer, then to the FC3), and as soon as I pressed the power switch, the FC3 started smoking. When I opened the case, it was obvious the RFC 1 was toasted. Everything seems to be installed properly and there are no obvious solder bridges, etc. I do have a spare 10 uH choke, but don't want to put it in until I have some idea of what might have caused the first one to blow.

Has anyone else had similar problems? Any suggestions for where to check for soldering errors or other causes?

Thanks,
Rich W2VU

1064. Re: [foxdelta] Re: FC3 Construction questions - fails "smoke test"

Yahoo group: foxdelta
Date: 2015-01-18 04:03:50 UTC
From: w2vu@...
Topic: 1045 Message: 1064

Hi - Finished building the FC3 and when I connected it to my computer via the USB cable today and powered it up to set up the software, it immediately began smoking. Inspection showed that RFC1 had burned up (logical, I supposed, since it's the first component reached by the 5 VDC from the USB port.

On visual inspection, I do not see any solder bridges, shorts or other obvious construction issues. Has anyone else had this problem? Do you have any suggestions for troubleshooting? I have a space 10 uH RF choke, but obviously would like to figure out what caused the first one to get fried before putting in the new one.

Any suggestions? (I can provide photos if that would help)

Many thanks & 73,
Rich W2VU

1065. Re: FC3 Construction questions - Failed "smoke test"

Yahoo group: foxdelta
Date: 2015-01-18 04:07:20 UTC
From: w2vu@...
Topic: 1045 Message: 1065

Hi - My apologies in advance if this show up multiple times. I have twice tried posting a follow-up message as a reply but it does not seem to appear in the messages.

After finishing construction of my FC3, I connected it to my computer via the USB cable to do the software setup. As soon as I powered it up, it began to smoke. On visual inspection, it appears that RFC1 burned up (no visual signs of other damage).

Has anyone else had this happen? Any suggestions for troubleshooting and finding the cause? I do not see any obvious shorts, solder bridges, etc., and there are no shorts on the USB connector. I have a replacement choke but would like some guidance in finding the source of the problem before replacing the burned one. I can send photos if that would be helpful.

Tnx &73,
Rich W2VU

1066. SWR out of range

Yahoo group: foxdelta
Date: 2015-01-18 07:33:30 UTC
From: kd7hrj@...
Topic: 1066 Message: 1066

Hello

I have just completed the AAZ-0914A kit. It connects to computer and runs with the software. But, on calibration I get SWR out of range for both open and closed circuit. Reported SWR is ~44,500,000 and constant across entire frequency range. Any suggestions as to what the the issue might be? Thank you.

Larrie
KD7HRJ

1067. Re: SWR out of range

Yahoo group: foxdelta
Date: 2015-01-18 13:44:15 UTC
From: chuckbadger@...
Topic: 1066 Message: 1067

Sounds like the same problem I had. I had placed several of the tantalum capacitors in backwards, with the polarity reversed. I knew that electrolytic caps had polarity, but did not realize that tantalums also had polarity. Dinesh is sending me replacement caps.

Chuck
N7NBS

1068. Re: SWR out of range -solved

Yahoo group: foxdelta
Date: 2015-01-19 23:08:15 UTC
From: Larrie Deardurff
Topic: 1068 Message: 1068

Hi

I checked by tantalum caps to be sure they were install correctly as suggested by Chuck. I had them in correctly, but I discovered two leads that I missed soldering. I soldered them in and reheated a couple of suspect solder joints and now the unit works. The old advice to triple check the soldering is true.

Larrie

KD7HRJ

1069. AAZ-0914A Stuck at 0dB return loss

Yahoo group: foxdelta
Date: 2015-01-23 20:17:22 UTC
From: ad7tv@...
Topic: 1069 Message: 1069

I just completed my AAZ-0914A. It communicates with the computer and the DDS seems to be working. The problem is that SWR is stuck high. Return Loss is always 0dB. If I monitor pin 2 of the PIC I can see the voltage go from 0 to 4V during the scan so I know that the DDS is working correctly. It appears that the A to D converter in the PIC is not working. Although when I disconnected FBX2 the SWR trace would start at the top and slowly drift down the screen.
I tried contacting Dinesh at esales@foxdelta.com and the message was rejected. Where do I go from here?

Dennis Tilton
AD7TV

1070. Re: AAZ-0914A Stuck at 0dB return loss

Yahoo group: foxdelta
Date: 2015-01-24 03:49:21 UTC
From: vu2fd@...
Topic: 1069 Message: 1070

Hello

If PIN2 is getting variable voltages, AD8307 and DDS are good.
As you say, possibly PIC is bad.

If problem at esales@foxdelta.com (sometime mailbox size is problem) please contact me at:
vu2fd@foxdelta.com or vu2fd@yahoo.com

73s/Dinesh Gajjar

1072. Galileo 2: Radio Astronomy 20.1MHZ Receiver

Yahoo group: foxdelta
Date: 2015-01-24 07:01:31 UTC
From: vu2fd@...
Topic: 1072 Message: 1072

Hello

A new project for Radio Astronomy 20.1MHZ data collection, Galileo 2, is uploaded at our School Project Web Site:

Fox Delta School Projects:: Galileo2 Radio Astronomy Receiver 20.1MHZ by Nina Gajjar
http://www.foxdelta.net/galileo2.html

http://www.foxdelta.net/galileo2.html

Fox Delta School Projects:: Galileo2 Radio Astronomy...
http://www.foxdelta.net/galileo2.html Sceince Project Kit & Electronic projects for school by nina gajjar

View on www.foxdelta.net http://www.foxdelta.net/galileo2.html
Preview by Yahoo

Galileo2 is a simple direct convr receiver at 20.1MHZ +/- 100KHZ.
Basically designed for NASA's Radio Jove school Project for collection of Jupiter data.

Radio amateurs may use this small, portable receiver, with little mod, on any of the amateur bands.

73s/Dinesh Gajjar

1073. SWM3 V2.06 software - Slow peak-reading response

Yahoo group: foxdelta
Date: 2015-01-24 17:45:01 UTC
From: g4fph@...
Topic: 1073 Message: 1073

My SWM3 seems slow to read true peak power on either the LCD or using the PC software.

With short bursts of RF, it seems to only read up to about 60% of the peak power. With a steady carrier it reads the expected value just fine. Perhaps I am expecting too much of the design. I had hoped it would indicate PEP correctly on, say a single CW dot at 40 WPM, which I think is 30 ms duration.

There are a number of adjustments in the menu of the PC application relating to response times that I cannot find descriptions for. Can anyone help with an explanation for them?

Personally, I would like to see the dual-nedele type meter display in the PC software replaced by a simple, single needle type that could be selected between PEP (with adjustable decay time) and average.

Perhaps V2.07 software is improved. I have not tried this yet.

My congratulations to all those involved in this project.

Mark, G4FPH.

1074. Internal LIPO battery for AAZ Antenna analyser

Yahoo group: foxdelta
Date: 2015-01-27 20:53:25 UTC
From: myresyke@...
Topic: 1074 Message: 1074

Hi

I bought the AAZ0914 kit (fantastic and delighted) it worked first time.

I also bought Bluetooth module with battery supply capabilities - my vision was hanging the analyser right at the feedpoint of my antenna to get accurate results without feedline.

But! Issues! In this post I discuss battery supply.

My AAZ0914 takes 200mA at 5v rising to 210mA with the BT module fitted. Battery input on BT module has voltage regulator to give 5v from battery - which has to be 6v minimum. So if thinking of PP3 battery, don't expect more than an hour or so of use. Also, if you fit multiple AA size batteries, their weight will pull the BT module right out of the analyser.

OK so the BT module certainly did as said on the tin, but physically it's a total mish mash. It can be plugged in "wrong way round" there is no keying on the plug. The plug body doesn't really fit the socket so is physically fragile. The Bluetooth antenna on the LC05 module is part shielded by the Foxtango PCB and the battery is supposed to just hang off it all. Laid out on a test bench it works perfectly - but it cannot be used in the practical environment I envisaged.

OK, lets move on, look at eBay item 181289184102, a 2000mAH LIPO battery costing £8. Now look at eBay item 321554281335, a LIPO charger plus a boost circuit for 5v output costing £2. Both these items are tiny and fit inside the AAZ free case. I took 5v from USB to charge input of board. I took board 5v output to supply AAZ. Battery charges whenever the USB is plugged in. I mounted a switch to change from USB to battery power. I might rethink this. Charge current from USB into the battery unit starts around 400mA dropping until the green LED came on. I used double sided tape to attach the battery inside the lid of the case and mounted the charge board using hot melt glue onto my own home made back panel with a window so the red/green LED shows through. Switched off, the battery has 630uA discharge leakage to the boost circuit - suggests fully charged battery will discharge in 4 months non-use.

This is brilliant upgrade, My Antenna Analyser now has internal re-chargeable battery expected life 10 hours - expected charge time 6 hours. Total cost £10 - $15. Highly recommended!

Paul G3NJV

1075. Re: AAZ-0912 vs. AAZ-0914

Yahoo group: foxdelta
Date: 2015-01-27 22:25:02 UTC
From: garryfoster@...
Topic: 1062 Message: 1075

Built in design to upgrade to blue tooth and the graphic kit. 73

1076. AAZ0914 Antenna Analyser Calibration above 50MHz

Yahoo group: foxdelta
Date: 2015-01-27 21:04:45 UTC
From: myresyke@...
Topic: 1076 Message: 1076

Hi all
I had a niggle about the calibration of my AAZ0914 only going to 50 MHz - it was clear when scanning to 55MHz for the 6M band that the last uncalibrated 5MHz had a huge slope.
Tony - I2TZK - quickly advised this top frequency is set in a windows registry variable, a quick scan for SWRA revealed where to make the edit.
The new hex word required is 3473BC0 for 55MHz

Now I'm delighted it calibrates to 55 MHz and so makes sweeps across 6M band.much more realistic.

Thanks to Tony (don't get stuck in the ice) and all at Fox delta +++

73 Paul G3NJV

1077. AAZ 0914A Android problems

Yahoo group: foxdelta
Date: 2015-01-29 02:08:16 UTC
From: Garry Foster
Topic: 1077 Message: 1077

This is a second attempt to send this message.. Apologies if it is a duplicate.

I just put an AAZ 0914 kit together and it worked before the soldering iron got cool it worked. Built up the Bluetooth option and it works great with both my desktop and a USB adapter. Also worked with my Laptop and its built in Bluetooth.

Problem is It doesn't work with my Samsung tablet. It will pair and oop back fine. However it won't work with the APP(APK). It fails as soon as you start the app either with a discovery error or else it just doesn't find the analyzer.

It works via bluetooth on both computers with both the USB power and batteries to the Bluetooth board.

It doesn't work with the tablet using either power option.

I have played with extending the timing options in the APP.

One time it did connect but still would not control the analyzer..

The tablet works well with another device that uses an identical bluetooth module.

It is a DRO app for my mil
l http://www.yuriystoys.com/p/downloads.html

Makes this hard to understand Analyzer blue tooth works with computers. Tablet works with similar bluetooth apps.

Ideas appreciated....Garry WB0NNO

1078. Re: AAZ 0914A Android problems

Yahoo group: foxdelta
Date: 2015-01-30 16:15:06 UTC
From: Garry Foster
Topic: 1077 Message: 1078

Well I down;loaded unzipped the app then re-installed and it seems to work with my android tablet this morning. If it keeps working I will be a happy camper..

Now to come up with a more solid method of holding it all together..

73 Garry WB0NNO

On Wed, Jan 28, 2015 at 9:08 PM, Garry Foster <gmfoster@...> wrote:

> This is a second attempt to send this message.. Apologies if it is a
> duplicate.
>
>
> I just put an AAZ 0914 kit together and it worked before the soldering
> iron got cool it worked. Built up the Bluetooth option and it works great
> with both my desktop and a USB adapter. Also worked with my Laptop and its
> built in Bluetooth.
>
> Problem is It doesn't work with my Samsung tablet. It will pair and oop
> back fine. However it won't work with the APP(APK). It fails as soon as you
> start the app either with a discovery error or else it just doesn't find
> the analyzer.
>
> It works via bluetooth on both computers with both the USB power and
> batteries to the Bluetooth board.
>
> It doesn't work with the tablet using either power option.
>
> I have played with extending the timing options in the APP.
>
> One time it did connect but still would not control the analyzer..
>
> The tablet works well with another device that uses an identical bluetooth
> module.
>
> It is a DRO app for my mil
> l http://www.yuriystoys.com/p/downloads.html
>
> Makes this hard to understand Analyzer blue tooth works with computers.
> Tablet works with similar bluetooth apps.
>
> Ideas appreciated....Garry WB0NNO
>

1079. Tony /I2TZK in Antarctic

Yahoo group: foxdelta
Date: 2015-01-31 04:09:44 UTC
From: vu2fd@...
Topic: 1079 Message: 1079

Hello

Tony/I2TZK is visiting antarctic and sent a picture for us on 30th Jan 2015.

73s/Dinesh Gajjar

Fox Delta Amateur Radio Projects and Kits http://www.foxdelta.com/

http://www.foxdelta.com/

Fox Delta Amateur Radio Projects and Kits http://www.foxdelta.com/ Amateur radio quality projects & kits by Fox Delta

View on www.foxdelta.com http://www.foxdelta.com/
Preview by Yahoo

1080. AAZ-0914A 5 volts only at USB connector; no where else on board

Yahoo group: foxdelta
Date: 2015-02-09 16:10:14 UTC
From: hhilbert@...
Topic: 1080 Message: 1080

Testing the voltages on the board are basically all failures except at USB pin 1 to POWER test point 1. I was expecting +5 volts at FXB4 from POWER point 2 but nothing. Also, no voltages at any other test points on the board. Any suggestions?

Thanks, Harold Hilbert

1081. Re: [foxdelta] AAZ-0914A 5 volts only at USB connector; no where else on board

Yahoo group: foxdelta
Date: 2015-02-10 01:34:25 UTC
From: Garry Foster
Topic: 1080 Message: 1081

Do you have the jumper installed that selects usb power or power from the external board? It's a 3 pin header and you should have received a 2 pin jumper for it..
Garry
WB0NNO

On Mon, Feb 9, 2015 at 11:10 AM, hhilbert@hotmail.com [foxdelta] <foxdelta@yahoogroups.com> wrote:

>
>
> Testing the voltages on the board are basically all failures except at USB
> pin 1 to POWER test point 1. I was expecting +5 volts at FXB4 from POWER
> point 2 but nothing. Also, no voltages at any other test points on the
> board. Any suggestions?
>
> Thanks, Harold Hilbert
>
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>

1082. Re: [foxdelta] AAZ-0914A 5 volts only at USB connector; no where else on board

Yahoo group: foxdelta
Date: 2015-02-10 01:37:03 UTC
From: Garry Foster
Topic: 1080 Message: 1082

It the three pins called J2 and select usb..

On Mon, Feb 9, 2015 at 8:34 PM, Garry Foster <gmfoster@...> wrote:

> Do you have the jumper installed that selects usb power or power from the
> external board? It's a 3 pin header and you should have received a 2 pin
> jumper for it..
> Garry
> WB0NNO
>
>
>
> On Mon, Feb 9, 2015 at 11:10 AM, hhilbert@... [foxdelta] <
> foxdelta@yahoogroups.com> wrote:
>
>>
>>
>> Testing the voltages on the board are basically all failures except at
>> USB pin 1 to POWER test point 1. I was expecting +5 volts at FXB4 from
>> POWER point 2 but nothing. Also, no voltages at any other test points on
>> the board. Any suggestions?
>>
>> Thanks, Harold Hilbert
>>
>>
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>>
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>
>

1083. RE: [foxdelta] AAZ-0914A 5 volts only at USB connector; no where else on board

Yahoo group: foxdelta
Date: 2015-02-10 12:15:45 UTC
From: Harold Hilbert
Topic: 1080 Message: 1083

Hi Gary,
Yes, I have the jumper pins. There were no instructions on the assembly paperwork to install jumpers. However, I did deduct that in order to get power to KBX4, that would be necessary. So I should install three pins in the holes labeled POWER and use a jumper pin to select power from either the USB or the external bluetooth/CGPU.

Harold
KI6TYH
PODXS070 #1885
SKCC #11805
CERT

From: foxdelta@yahoogroups.com
To: foxdelta@yahoogroups.com
Date: Mon, 9 Feb 2015 20:34:25 -0500
Subject: Re: [foxdelta] AAZ-0914A 5 volts only at USB connector; no where else on board

Do you have the jumper installed that selects usb power or power from the external board? It's a 3 pin header and you should have received a 2 pin jumper for it..GarryWB0NNO

On Mon, Feb 9, 2015 at 11:10 AM, hhilbert@... [foxdelta] <foxdelta@yahoogroups.com> wrote:

Testing the voltages on the board are basically all failures except at USB pin 1 to POWER test point 1. I was expecting +5 volts at FXB4 from POWER point 2 but nothing. Also, no voltages at any other test points on the board. Any suggestions?

Thanks, Harold Hilbert

1084. RE: [foxdelta] AAZ-0914A 5 volts only at USB connector; no where else on board

Yahoo group: foxdelta
Date: 2015-02-10 13:22:11 UTC
From: Garry Foster
Topic: 1080 Message: 1084

Harold
Yes that is correct.
Garry wb0nno
On Feb 10, 2015 7:20 AM, "Harold Hilbert hhilbert@... [foxdelta]" <
foxdelta@yahoogroups.com> wrote:

>
>
> Hi Gary,
> Yes, I have the jumper pins. There were no instructions on the assembly
> paperwork to install jumpers. However, I did deduct that in order to get
> power to KBX4, that would be necessary. So I should install three pins in
> the holes labeled POWER and use a jumper pin to select power from either
> the USB or the external bluetooth/CGPU.
>
> Harold
> KI6TYH
> PODXS070 #1885
> SKCC #11805
> CERT
>
>
>
> ----------
> From: foxdelta@yahoogroups.com
> To: foxdelta@yahoogroups.com
> Date: Mon, 9 Feb 2015 20:34:25 -0500
> Subject: Re: [foxdelta] AAZ-0914A 5 volts only at USB connector; no where
> else on board
>
>
>
> Do you have the jumper installed that selects usb power or power from the
> external board? It's a 3 pin header and you should have received a 2 pin
> jumper for it..

> Garry
> WB0NNO
>
>
>
> On Mon, Feb 9, 2015 at 11:10 AM, hhilbert@hotmail.com [foxdelta] <
> foxdelta@yahoogroups.com> wrote:
>

>
> Testing the voltages on the board are basically all failures except at
> USB pin 1 to POWER test point 1. I was expecting +5 volts at FXB4 from
> POWER point 2 but nothing. Also, no voltages at any other test points on
> the board. Any suggestions?
>
> Thanks, Harold Hilbert
>
>
>
>
>
>
>
>
>

1085. ii2ant special call feb 18-22

Yahoo group: foxdelta
Date: 2015-02-18 08:49:19 UTC
From: i2tzk@...
Topic: 1085 Message: 1085

Hi all
i'm just back home from my South Shetland & Antactic tour

This is to inform all of you that Feb 18-22 i'll activate from my station in Angera (Italy) the special call:

II2ANT

This is to celebtate the 12 Edition of the Antartic Activy Week
All informations here: WAPONLINE > Home http://www.waponline.it/

http://www.waponline.it/

WAPONLINE > Home http://www.waponline.it/

View on www.waponline.it http://www.waponline.it/
Preview by Yahoo

I'll be active SSB/RTTY all HF bands.

73's & Dx Tony, i2tzk

1086. AAZ-0914A with GCPU problem

Yahoo group: foxdelta
Date: 2015-02-27 01:30:21 UTC
From: robolt@...
Topic: 1086 Message: 1086

My 914A works just fine with my computer.

But today I connected my GCPU to it with the Break-out board and get no display.

LED on 914 flashes normally (just as it does with USB) so it looks like power is going to 914 from the GCPU.

The GCPU LCD lights up and responds to the brightness control but there is no information display.

I've checked and rechecked solder joints on Break-out board and GCPU and see no anomalies..

Anybody got any ideas how I should start trouble-shooting?

Ralph, K0HML

1087. Re: [foxdelta] AAZ-0914A with GCPU problem

Yahoo group: foxdelta
Date: 2015-02-27 19:44:22 UTC
From: Garry Foster
Topic: 1086 Message: 1087

No Ideas but I have the Blue Tooth option and when it quits working I have to use blue tooth from the computer and then it will work from My android tablet again. They say a direct email to Dinesh at *esales@... <esales@...> *usually gets troubleshooting help. I love the kits just wish there was some more circuit theory and source code available....
Garry WB0NNO.

On Thu, Feb 26, 2015 at 8:30 PM, robolt@... [foxdelta] <
foxdelta@yahoogroups.com> wrote:

>
>
> My 914A works just fine with my computer.
>
>
> But today I connected my GCPU to it with the Break-out board and get no
> display.
>
>
> LED on 914 flashes normally (just as it does with USB) so it looks like
> power is going to 914 from the GCPU.
>
>
> The GCPU LCD lights up and responds to the brightness control but there is
> no information display.
>
>
> I've checked and rechecked solder joints on Break-out board and GCPU and
> see no anomalies..
>
>
> Anybody got any ideas how I should start trouble-shooting?
>
>
> Ralph, K0HML
>
>
>

1088. AAZ-0912A

Yahoo group: foxdelta
Date: 2015-02-28 23:44:08 UTC
From: CyclingSoldier
Topic: 809 Message: 1088

Well, finally got around to building my -912A today and it works fine. Thanks to all who put forth the effort to make that and other kits like it a possibility.

One quick question; On Antonio’s page I saw newer firmware/software. Is this compatible with the -912A or should I stick with what’s on the FoxDelta page?

73,

Jack KE4LWT

1089. Re: AAZ-0912A

Yahoo group: foxdelta
Date: 2015-03-01 03:15:18 UTC
From: vu2fd@...
Topic: 809 Message: 1089

Hello
Please keep 0912 with supplied FW.
New FW were developed for 0914A where we made few changes in Hardware.
Functionally, both are same.

Regards/Dinesh Gajjar

1090. RE: [foxdelta] Re: AAZ-0912A

Yahoo group: foxdelta
Date: 2015-03-01 15:43:10 UTC
From: CyclingSoldier
Topic: 809 Message: 1090

Thanks Dinesh,

Works fine as it is. I don’t want to fix something that isn’t broken.

73,

Jack KE4LWT

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
Sent: Saturday, February 28, 2015 10:15 PM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Re: AAZ-0912A

Hello

Please keep 0912 with supplied FW.

New FW were developed for 0914A where we made few changes in Hardware.

Functionally, both are same.

Regards/Dinesh Gajjar

1091. AAZ-0914A Cx

Yahoo group: foxdelta
Date: 2015-03-04 01:46:14 UTC
From: kc1at@...
Topic: 1091 Message: 1091

Got my Analyzer in the mail today..Got it all together (wife was out at a meeting last night) . I was noticing that Cx on the schematic shows 2.7pf and a note that says " * = refer document"...

Not finding anything in any document....I'm assuming it's a "gimmick" capacitor of some type....Or am I over thinking this.

73
don

1092. Re: [foxdelta] AAZ-0914A Cx

Yahoo group: foxdelta
Date: 2015-03-04 02:46:44 UTC
From: Frank Dziurda
Topic: 1091 Message: 1092

Don,
Cx is not normally required. If you have a precision BNC shorting plug and 50 ohm termination, you can scan the termination after calibration, and then add a gimmick cap if necessary. It should be added directly to the back of the BNC connector, not at the location for Cx. It will flatten the high frequency response of the AAZ.
Frank - K7SFN

On 3/3/2015 5:46 PM, kc1at@... [foxdelta] wrote:
>
> Got my Analyzer in the mail today..Got it all together (wife was out
> at a meeting last night) . I was noticing that Cx on the schematic
> shows 2.7pf and a note that says " * = refer document"...
>
> Not finding anything in any document....I'm assuming it's a "gimmick"
> capacitor of some type....Or am I over thinking this.
>
> 73
> don
>
>
>

1093. Re: AAZ-0914A Cx

Yahoo group: foxdelta
Date: 2015-03-05 02:32:56 UTC
From: kc1at@...
Topic: 1091 Message: 1093

OK went and set up the analyzer....everything seemed to go OK ...Software saw the analyzer fine...did the open and short cal.....checked and found 10MHZ using the frequency generator mode....Went to step 6 exploring the antenna's resonance and I get no trace.....just the sweep from left to right. SWR is max. goes to 0 when it starts the retrace.

checked the 5 and 3.3 volt points under the board....they were all OK...I thought there was a solder bridge on the AD8307 between pins 6 and 7 but it turned out that they're supposed to be connected.

Went to step 13.2 "Open/Short ratio check of the RL Bridge" that didn't work....no trace

Re-soldered everything that I put in....

Give me some hints....what do I do next ????

don

1094. Re: AAZ-0914A Cx

Yahoo group: foxdelta
Date: 2015-03-05 16:26:48 UTC
From: kc1at@...
Topic: 1091 Message: 1094

OK got 4.92v coming out of pin 4 OUT on the AD8307...,can't get that to change, Everything else looks good around the detector.....the RL looks ok., Got all the right resistors in the right spots.....

bad detector ??????

1095. Re: AAZ-0914A Cx

Yahoo group: foxdelta
Date: 2015-03-05 15:51:51 UTC
From: robolt@...
Topic: 1091 Message: 1095

I had a similar problem develop sometime after I had successfully used the AAZ. Turned out I had a loose coax connector at the antenna.

1096. Re: AAZ-0914A Cx

Yahoo group: foxdelta
Date: 2015-03-06 01:38:17 UTC
From: vu2fd@...
Topic: 1091 Message: 1096

Hello
Before you do any chip change, make sure that Generator out put is present at BNC!

73s/Dinesh Gajjar

1097. Re: AAZ-0914A Cx

Yahoo group: foxdelta
Date: 2015-03-05 19:51:30 UTC
From: kc1at@...
Topic: 1091 Message: 1097

I just had an email from another AAZ kit builder who has the same problem as me..I can short or open the BNC and I got no change out of the detector..going to try a new AD8307 and see what that does.

thanks

don

1098. Re: [foxdelta] Re: AAZ-0914A .

Yahoo group: foxdelta
Date: 2015-03-06 03:14:44 UTC
From: Frank Dziurda
Topic: 1091 Message: 1098

Also, before you consider changing the 8307, you might want to take a digital multimeter and measure resistance from the center pin of the BNC connector to ground. Every AAZ I have, reads 64.3 - 64.5 ohms. This test verifies that all the front resistors are correctand there are no broken traces. If you must change the 8307, having a hot air desoldering station really makes a difference. I have found that RF overload, if the AAZ is left connected to an antenna, or nearby lightning can blow the 8307....It's very rare but does happen.
Good Luck,
Frank - K7SFN

1099. Re: AAZ-0914A Cx

Yahoo group: foxdelta
Date: 2015-03-06 11:06:38 UTC
From: kc1at@...
Topic: 1091 Message: 1099

Frank/Dinesh

I'll check the generator for output at the BNC. Did the 10MHZ check and that worked but I'll check it out further.

I do have ~64 ohms at the BNC.....used an old crappy digital VOM so I never trust the tenths.

I got a hot air re-work station but I don't use it much. I'll do some work on a junk board before I attempt the 8307.

73
don

1100. Re: AAZ-0914A Cx

Yahoo group: foxdelta
Date: 2015-03-06 16:15:42 UTC
From: kc1at@...
Topic: 1091 Message: 1100

OK checked the generator at the BNC ,,,its running fine. I lifted one leg of FBX2 off the board and stuck a variable voltage into the PIC.....it sweeps and traces the voltage like it should.

Going to order a 8307 this afternoon from Mouser. Should have it Tuesday or so.

thanks for the help

don

1101. USB not finding the AAZ-0713A at times

Yahoo group: foxdelta
Date: 2015-03-12 01:14:06 UTC
From: Timothy Hickman
Topic: 1029 Message: 1101

While on vacation my Win 7 laptop and my Win 7 netbook would not find the AAZ-0713A at times.
I would switch cables, switch USB ports, reboot, and if I keep at it long enough it would work. The PC would not make the connect tone and the LED on the AAZ-0713A would not light then it would.
I am using the latest 6.02 firmware.
Any ideas as to how to make it work more consistently?
Thanks
Tim
N3JON

1102. SWRMeter & SWRAnalyzer projects improvement

Yahoo group: foxdelta
Date: 2015-03-14 07:35:41 UTC
From: i2tzk@...
Topic: 1102 Message: 1102

Hi All

i'm studying to improve the user interface of my projects moving

from:
- 3.2" graphic monochromatic 128x64 pixel LCD
- switch-button & encoder
- 8 bits Microchip MCU

to:
- 3.2" graphic color 320x240 pixel TFT lcd
- touch screen controller
- 16/32 bits Microchip MCU

Here are the links to the video test of 2 first prototypes:

SWR Meter: https://youtu.be/ouMS-WkyV1Y

SWR Analyzer: https://youtu.be/mdRZxe3D08M

Please have a look, comments and suggestions are very very welcome.

73's Tony, i2tzk
FoxDelta projects team

1103. Re: [foxdelta] SWRMeter & SWRAnalyzer projects improvement

Yahoo group: foxdelta
Date: 2015-03-14 16:31:08 UTC
From: Garry Foster
Topic: 1102 Message: 1103

Tony

Those look awesome, fantastic, or whichever word translates best to Great!

Have you considered making source code available for your projects?

Still have trouble with my android from time to time.. Not sure I could find the problem but in my former work I often was able to tweak code even though I wasn't proficient enough to code the complete program..

73 Garry

On Sat, Mar 14, 2015 at 3:35 AM, i2tzk@... [foxdelta] <
foxdelta@yahoogroups.com> wrote:

>
>
> Hi All
>
> i'm studying to improve the user interface of my projects moving
>
>
> from:
> - 3.2" graphic monochromatic 128x64 pixel LCD
> - switch-button & encoder
> - 8 bits Microchip MCU
>
> to:
> - 3.2" graphic color 320x240 pixel TFT lcd
> - touch screen controller
> - 16/32 bits Microchip MCU
>
>
> Here are the links to the video test of 2 first prototypes:
>
> SWR Meter: https://youtu.be/ouMS-WkyV1Y
>
> SWR Analyzer: https://youtu.be/mdRZxe3D08M
>
>
> Please have a look, comments and suggestions are very very welcome.
>
> 73's Tony, i2tzk
> FoxDelta projects team
>
>

>
>

1104. Re: [foxdelta] SWRMeter & SWRAnalyzer projects improvement

Yahoo group: foxdelta
Date: 2015-03-15 07:10:33 UTC
From: i2tzk
Topic: 1102 Message: 1104

Hi Garry
thanks for your comments.
The Android app has been written using the RAD (Rapid Application
Development) tool here:
http://www.b4x.com/
Language is very close to the standard basic.

F/w for the new 16 bits MCU is written in C, when kits will be available
the source code will be published too.

73's Tony

Il 14/03/2015 17:31, Garry Foster gmfoster@... [foxdelta] ha scritto:
> Tony
>
> Those look awesome, fantastic, or whichever word translates best to
> Great!
>
> Have you considered making source code available for your projects?
> Still have trouble with my android from time to time.. Not sure I
> could find the problem but in my former work I often was able to tweak
> code even though I wasn't proficient enough to code the complete program..
>
> 73 Garry
>
>
>
> On Sat, Mar 14, 2015 at 3:35 AM, i2tzk@...
> <mailto:i2tzk@...> [foxdelta] <foxdelta@yahoogroups.com
> <mailto:foxdelta@yahoogroups.com>> wrote:
>
> Hi All
>
> i'm studying to improve the user interface of my projects moving
>
>
> from:
> - 3.2" graphic monochromatic 128x64 pixel LCD
> - switch-button & encoder
> - 8 bits Microchip MCU
>
> to:
> - 3.2" graphic color 320x240 pixel TFT lcd
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> - 16/32 bits Microchip MCU
>

>
> Here are the links to the video test of 2 first prototypes:
>
> SWR Meter: https://youtu.be/ouMS-WkyV1Y
>
> SWR Analyzer: https://youtu.be/mdRZxe3D08M
>
>
> Please have a look, comments and suggestions are very very welcome.
>
> 73's Tony, i2tzk
> FoxDelta projects team
>
>
>
>

1105. Re: AAZ-0914A Cx

Yahoo group: foxdelta
Date: 2015-03-15 11:21:09 UTC
From: kc1at@...
Topic: 1091 Message: 1105

OK so I got the AD8307 in the mail Friday.....put it in last night. As I was firing up the hot air station I put my magnifying headgear on....that's when I looked closer and found the 8307 in backwards....ughhhhh. Anyway I changed it and everything works....got to do the calibration over again and check out the plots. I'll try to get that done tonight....

thanks for help....guess i should have looked closer at chip first.

don

1106. Re: [foxdelta] SWRMeter & SWRAnalyzer projects improvement

Yahoo group: foxdelta
Date: 2015-03-15 22:46:56 UTC
From: Jonathan Point
Topic: 1102 Message: 1106

Excellent!

Regards,

Jonathan D. Point

On Sat, Mar 14, 2015 at 6:35 PM, i2tzk@... [foxdelta] <
foxdelta@yahoogroups.com> wrote:

>
>
> Hi All
>
> i'm studying to improve the user interface of my projects moving
>

>
> from:
> - 3.2" graphic monochromatic 128x64 pixel LCD
> - switch-button & encoder
> - 8 bits Microchip MCU
>
> to:
> - 3.2" graphic color 320x240 pixel TFT lcd
> - touch screen controller
> - 16/32 bits Microchip MCU
>
>

> Here are the links to the video test of 2 first prototypes:
>
> SWR Meter: https://youtu.be/ouMS-WkyV1Y
>
> SWR Analyzer: https://youtu.be/mdRZxe3D08M
>
>
> Please have a look, comments and suggestions are very very welcome.
>
> 73's Tony, i2tzk
> FoxDelta projects team
>
>
>
>

1107. Re: AAZ-0914A Cx

Yahoo group: foxdelta
Date: 2015-03-17 12:51:30 UTC
From: kc1at@...
Topic: 1091 Message: 1107

OK got the calibration done and looks like the analyzer is working perfectly....hooked it up to my OCF dipole and now know why my antenna tuner gets a hernia trying to match 17M.

Congratulations on a GREAT kit....!!!!

don

1108. Re: [foxdelta] Re: AAZ-0914A Cx

Yahoo group: foxdelta
Date: 2015-03-17 13:56:13 UTC
From: Jan Servaites
Topic: 1091 Message: 1108

Don,
What balun do you have on the OCF dipole?
I never had a problem using my F/D antenna analyzer on my dipole with a voltage balun for years. I swap the voltage balun with a current balun, and now I get no signal return, apparently from my antenna's balun, to make SWR plots. The current balun type is the "beads on a string" design.
Jan N8CBX

kc1at@... [foxdelta] wrote:

>
>
> OK got the calibration done and looks like the analyzer is working
> perfectly....hooked it up to my OCF dipole and now know why my antenna
> tuner gets a hernia trying to match 17M.
>
>
> Congratulations on a GREAT kit....!!!!
>
>
> don
>

1109. AAZ-713A Analyzer Amp Project

Yahoo group: foxdelta
Date: 2015-03-17 22:25:14 UTC
From: ko4nrbs@...
Topic: 1109 Message: 1109

I'm using my AAZ-713A antenna analyzer to identify the best tapping spots on my amps Tank coil for the different frequencies, i.e. 80-10 meters. It is a Pi network.

I am feeding the frequencies into the amp's output (relay jumpered) with a carbon resistor connected from the tubes anode to the amp's chassis. The resistor's value is the calculated Plate Load resistance of the tubes.

I have calculated the optimum capacitance values for the input (Plate) and output (Load) capacitors for all the frequencies. On 80 meters the values are close to max for both capacitors. I'm making sure the capacitor's positions are in relation to the calculated values as I change the Tank Coil tap positions.

I'm moving the taps around on the tank coil looking for minimum SWR and maximum dB. So far the best I can do is 1.22 SWR and about 20db. Is this acceptable?

Bill
KO4NR

1110. Re: [foxdelta] Re: AAZ-0914A Cx

Yahoo group: foxdelta
Date: 2015-03-17 16:58:35 UTC
From: kc1at@...
Topic: 1091 Message: 1110

Hi Jan

I'll have to go look which one I put on that antenna. I made a bunch of voltage and current balums a while ago. I did have a 133' flat topper that fell down in an ice storm a few months ago with the 'bead type" balum on it. Got that on the list to go back up with the bead balum on it.

Hopefully I'll get to that this weekend. I'll let you know.

73

don KC1AT

1111. Re: [foxdelta] Re: AAZ-0914A Cx

Yahoo group: foxdelta
Date: 2015-03-19 10:13:52 UTC
From: kc1at@...
Topic: 1091 Message: 1111

hi Jan

took a look at the antenna yesterday....I got a W2AU voltage balum on it....AND I got about 6 or 8 bead chokes on the coax too. I now remember that I swapped coax with my 133' flat topper after that fell down. So I got both on that antenna and I can read it on the analyzer no problem.

You sure your balum is OK ????

don

1112. Re: [foxdelta] Re: AAZ-0914A Cx

Yahoo group: foxdelta
Date: 2015-03-20 09:59:16 UTC
From: kc1at@...
Topic: 1091 Message: 1112

i mean coax...your not running a coil type balum.

1113. MFJ259 vs, AAZ0713A

Yahoo group: foxdelta
Date: 2015-03-20 13:09:50 UTC
From: ko4nrbs@...
Topic: 1113 Message: 1113

The MFJ antenna analyzers give you SWR, Impedance (Rs) and Reactance (Xs). My AAZ0713A gives me SWR and the dB. How does dB correlate with (Rs) and (Xs)?
Bill

1114. Fox Delta FC3 Frequency Counter test to 1500 MHz

Yahoo group: foxdelta
Date: 2015-03-22 06:13:16 UTC
From: kp4md@...
Topic: 1114 Message: 1114

My first impressions with the Fox Delta FC3 Frequency Counter & Power Meter

The Fox Delta FC3 is a low cost amateur radio "hobby project" 0-500 MHz Frequency Counter & Power Meter
Here are my raw data of measurements with a MiniVNA Pro http://miniradiosolutions.com/minivna-pro/ & Extender http://miniradiosolutions.com/extender/ up to 1500 MHz
MiniVNA Pro measurement of FC3 Input Impedance over 0.1-200 MHz and 10-1500 MHz
Power Output Measurement of MiniVNA Pro Signal Generator 0.32-200 MHz, and MiniVNA Pro & Extender 50-1000 MHz
Fox Delta FC3 Frequency Counter Range 0.32-1000 MHz
Power Measurement Range -55 dBm - +10 dBm (.003 uW - 10 mW)☐

Photos and data at:
https://picasaweb.google.com/114032640816757126398/FoxDeltaFC3FrequencyCounter
https://picasaweb.google.com/114032640816757126398/FoxDeltaFC3FrequencyCounter

Carol, KP4MD

1115. Re: FC3 Question

Yahoo group: foxdelta
Date: 2015-03-23 05:02:41 UTC
From: kp4md@...
Topic: 631 Message: 1115

I have also seen where the FC3 will either not lock onto the frequency or display the second harmonic with a strong applied signal level. This is remedied by decreasing the signal level.

Carol KP4MD

1116. Re: MFJ259 vs, AAZ0713A

Yahoo group: foxdelta
Date: 2015-03-23 00:39:49 UTC
From: ac2lq@...
Topic: 1113 Message: 1116

<math professor mode>
R and X do not "correlate" with dB reflected power. Reflected power is computed from Gamma, a second-order rational function of both R and X, so it is not fruitful to speak of their correlation.
</math professor mode>

Perhaps you are interested instead in the relation between impedance and reflected power.

Gamma is the complex reflection coefficient (using Latex markup, refer to https://en.wikibooks.org/wiki/LaTeX/Mathematics https://en.wikibooks.org/wiki/LaTeX/Mathematics for information on Latex markup):

$$
\Gamma = \frac{Z - Z_0}{Z + Z_0}
$$

where Z is the complex impedance of the load (so Z = R + Xj); and Z_0 is the characteristic impedance of the transmission line. It is my understanding that the SWRA assumes a 50 Ohm characteristic impedance if built according to the instructions.

The ratio of reflected power to total power is, in linear units:

$$
\rho^2 = \Gamma \times \Gamma^*
$$

where the asterisk denotes the complex conjugate. If Z_0 is real (good approximation for a low-loss line) and you wish to avoid complex arithmetic, you can compute reflected power relative to total power using:

$$
\rho^2 = \frac{|R - Z_0|^2 + X^2}{|R + Z_0|^2 + X^2}
$$

Taking the common (base 10) logarithm of this and multiplying by 10 yields relative reflected power in decibels. This value will be negative.

If you desire the VSWR, simply take the positive square root of \rho^2 and apply the formula:

$$
VSWR = \frac{1 + \rho}{1 - \rho}
$$

The mismatch loss is the complement of the relative reflected power:

$$
Loss_m = 1 - \rho^2
$$

\]

It is also customary to express this in decibels. Again, take the common logarithm and multiply by 10.

73 de John/NV2K

1117. Re: [foxdelta] SWRMeter & SWRAnalyzer projects improvement

Yahoo group: foxdelta
Date: 2015-03-23 10:24:26 UTC
From: P RANDALL
Topic: 1102 Message: 1117

Hi Tony, that looks like a very nice improvement. Thanks for your work.
Kind regards, Paul

From: "i2tzk@fastwebnet.it [foxdelta]" <foxdelta@yahoogroups.com>
To: foxdelta@yahoogroups.com
Sent: Saturday, 14 March 2015, 7:35
Subject: [foxdelta] SWRMeter & SWRAnalyzer projects improvement

Hi All

i'm studying to improve the user interface of my projects moving

from:
- 3.2" graphic monochromatic 128x64 pixel LCD
- switch-button & encoder
- 8 bits Microchip MCU

to:
- 3.2" graphic color 320x240 pixel TFT lcd
- touch screen controller
- 16/32 bits Microchip MCU

Here are the links to the video test of 2 first prototypes:

SWR Meter: https://youtu.be/ouMS-WkyV1Y

SWR Analyzer: https://youtu.be/mdRZxe3D08M

Please have a look, comments and suggestions are very very welcome.

73's Tony, i2tzk
FoxDelta projects team

1118. Re: [foxdelta] SWRMeter & SWRAnalyzer projects improvement

Yahoo group: foxdelta
Date: 2015-03-23 13:19:28 UTC
From: Jacinto Rebelo
Topic: 1102 Message: 1118

Hi Tony,

Very good improvement :)

I like the SWR meter with analog format :)

If this goes to foxdelta kit, I will get one ...

73's

Jacinto Rebelo

On 14 March 2015 at 06:35, i2tzk@... [foxdelta] <
foxdelta@yahoogroups.com> wrote:

>
>
> Hi All
>
> i'm studying to improve the user interface of my projects moving
>
>
> from:
> - 3.2" graphic monochromatic 128x64 pixel LCD
> - switch-button & encoder
> - 8 bits Microchip MCU
>
> to:
> - 3.2" graphic color 320x240 pixel TFT lcd
> - touch screen controller
> - 16/32 bits Microchip MCU
>
>
> Here are the links to the video test of 2 first prototypes:
>
> SWR Meter: https://youtu.be/ouMS-WkyV1Y
>
> SWR Analyzer: https://youtu.be/mdRZxe3D08M
>
>
> Please have a look, comments and suggestions are very very welcome.
>
> 73's Tony, i2tzk
> FoxDelta projects team
>
>
>

>

1119. Re: SWRMeter & SWRAnalyzer projects improvement

Yahoo group: foxdelta
Date: 2015-03-24 09:22:42 UTC
From: A. Farkas
Topic: 1102 Message: 1119

I've just bought the Antenna/SWR analyzer kit. Will I be able to retrofit the touch screen to it when it's released?

Sent from my iPhone

1120. help Configuration Mode Vixen PLD

Yahoo group: foxdelta
Date: 2015-03-28 17:09:53 UTC
From: claidit@...
Topic: 1120 Message: 1120

I wanted to figure out how to configure the vixen pld, aprs for the system, not on my kits no LED lights?

sorry my english!!!!!!!

Fabio iw7ed
Italy

1121. Fox Delta FC3 Power Measurement Accuracy from 630 pW to 5 mW

Yahoo group: foxdelta
Date: 2015-03-28 18:20:02 UTC
From: kp4md@...
Topic: 1121 Message: 1121

Fox Delta FC3 Frequency Counter accurately measures power levels from 630 pW to 5 mW.
For this test, a GPS Disciplined 10 MHz Reference Signal with a nominal ~+5 dBm was fed to the Fox Delta FC3 Frequency Counter via a Kay Model 429A precision attenuator. The attenuator was varied from 0 dB to 80 dB in 5 dB steps and each corresponding power reading was recorded.
The firmware of the FC3 power meter uses the measured frequency to look up corresponding default offset factors on this table. The offset factor is added to the Analog AD8307 reading to compensate for the front end frequency response. Below -20 dBm signal level, the frequency counter reverts to a zero reading and applies the 75 kHz offset factor to the reading
http://forums.qrz.com/showthread.php?377395-Fox-Delta-FC3-500-MHz-Counter-and-Power-Meter. This normally limits the lower range of the power meter to -20 dBm.
By editing the default table to apply the correct 0.43 dB offset factor over this entire power range, the discontinuity at -20 dBm is eliminated and the measured power attenuation (blue line) shows close correlation with expected values at power levels between -62 dBm (630 pW) and +7 dBm (5 mW).☐

73, Carol KP4MD

A GPS Disciplined 10 MHz Reference Signal with a nominal ~+5 dBm was fed to the FC3 via a Kay Model 429A precision attenuator. The attenuator was varied from 0 dB to 80 dB in 5 dB steps and each corresponding power reading was recorded.

The power meter uses the measured frequency to look up corresponding default offset factors on this table. The offset factor is added to the Analog AD8307 reading to compensate the indicated power reading for the front end frequency response. Below -20 dBm signal level, the frequency counter reverts to a zero reading and applies the 75 kHz offset factor to the reading. This normally limits the lower range of the power meter to -20 dBm.

When the default offset factor for 75 kHz was edited to 0.43 (to equal the 10,000 kHz offset factor) the discontinuity in power measurements at -20 dBm was eliminated.

With the applicatio n of the correct 0.43 dB offset factor over the entire range, discontinu ity at -20 dBm is eliminated and the measured power attenuatio n (blue line) shows close correlatio n with expected values at power levels between +7 dBm (5 mW) and -62 dBm (630 pW)

1122. Re: help Configuration Mode Vixen PLD

Yahoo group: foxdelta
Date: 2015-03-29 01:42:59 UTC
From: vu2fd@...
Topic: 1120 Message: 1122

Hello Fabio

VixenPLD can be configured for APRS data by simply connecting window's hyper terminal (or other similar programs)
Create a Hyper Terminal profile at baudrate that FW in PIC88 is supplied. (We do no sell kits so perhaps you are making your own) If your PIC is blank, download FW from our website or from my home site at http://www.vu2fd,com/software/ http://www.vu2fd,com/software/

Once connected by hyper terminal, enter your callsign etc and save.

73s/Dinesh Gajjar

1123. Fox Delta FC3 Frequency Counter Frequency Drift

Yahoo group: foxdelta
Date: 2015-03-29 03:28:27 UTC
From: kp4md@...
Topic: 1123 Message: 1123

A GPS discipline http://www.sonic.net/~n6gn/extpllproto.htmld 10 MHz frequency reference http://www.sonic.net/~n6gn/extpllproto.html was applied to the Fox Delta FC3 Frequency Counter and the displayed frequency reading was recorded over 65 minutes from a cold start. The ambient temperature was 26°C. Time elapse screen capture, 4 frames per minute over 65 minutes https://www.youtube.com/watch?v=s1H4NbrdwHk.
The FC3 time base was the SaRonix NCC060C-20.000MHz 20 MHz quartz crystal oscillator.

The total measured frequency drift from power on: 17 Hz after 10 minutes, 21 Hz after 20 minutes, 22 minutes after 30 minutes, 23 Hz after 40 minutes, 24 Hz after 50 minutes.

Carol, KP4MD

1124. FC3 unhandled exception when starting setup

Yahoo group: foxdelta
Date: 2015-03-30 14:08:56 UTC
From: jab3739@...
Topic: 1124 Message: 1124

I get a unhandled exception when starting setup. I am not sure what is causing this. It is along message but some of it is "Value of 0.192 is not valid for Value"

I saw "windows 32 bit "mention in the error message, I am running windows 7 64 bit. I was wondering if that is the problem. Are there 2 different downloads for FC3 software, one for windows 32 bit and one for 64 bits??

I can chose to Continue and from that point all seems right. I have not gotten into a detail setup yet but it appears that all is working. Thanks for any help anyone can offer. john.kg9dk

1125. Re: Fox Delta FC3 Frequency Counter test to 1500 MHz

Yahoo group: foxdelta
Date: 2015-03-31 00:54:47 UTC
From: kp4md@...
Topic: 1114 Message: 1125

MiniVNA Pro measuring the FC3 RF input impedance parameters 0.1-200 MHz.
The MiniVNA Pro AD9958 DDS produces a sine wave over 0.1-200 MHz that was also used to test the frequency counter and power meter operation.
The MiniVNA Pro specification output is 0 dBm.
The spurious harmonic content of the AD9958 DDS is below -55 dBc over its range.

Fox Delta FC3 Frequency Counter Input R & X vs. Frequency 0-200 MHz

Fox Delta FC3 Frequency Counter Input SWR & Z vs. Frequency 0-200 MHz

MiniVNA Pro & Extender measuring the RF input impedance parameters 10-1500 MHz.
The MiniVNA Pro & Extender produces a sine wave over 10-1500 MHz that was also used to test the frequency counter and power meter operation.
The Extender specificat ion output is approximat ely -10 dBm with a spurious harmonic output level of -35 dBc.
The FC3 frequency specificat ion is 0-500 MHz. During testing, the power meter operated to 500 MHz and the frequency counter operated to 1000 MHz.

Fox Delta FC3 Frequency Counter Input R & X vs. Frequency 0-1500 MHz.
The FC3 frequency specificat ion is 0-500 MHz.

Fox Delta FC3 Frequency Counter Input SWR & Z vs. Frequency 0-1500 MHz.
The FC3 frequency specificat ion is 0-500 MHz.

1126. Re: Fox Delta FC3 Frequency Counter Frequency Drift

Yahoo group: foxdelta
Date: 2015-03-31 00:38:06 UTC
From: kp4md@...
Topic: 1123 Message: 1126

Over the subsequent 24 hours, the frequency display varied between 9,999,998 Hz and 10,000,004 Hz in response to minor variations in room temperature. It appears that a 30 minute warm up time is typically sufficient to achieve the expected stability with the standard crystal oscillator of the Fox Delta FC3 Frequency Counter. Increased frequency stability would require the 20 MHz TCXO option or an external frequency locked 20 MHz reference signal.☐

1127. Homebrew 40 db RF Attenuator

Yahoo group: foxdelta
Date: 2015-03-31 00:48:33 UTC
From: kp4md@...
Topic: 1127 Message: 1127

This 40 db attenuator will be used to extend the power range of the Fox Delta FC3 Frequency Counter and Power Meter. The schematic diagram is at http://www.foxdelta.com/products/wireless/40db/40db.jpg
http://www.foxdelta.com/products/wireless/40db/40db.jpg
I intend to use this to measure low power HF transmitters. OZ2CPU reported that this construction technique is adequate up to 170 MHz and shows how to extend its frequency range to 600 MHz on
http://www.webx.dk/oz2cpu/radios/miliwatt.htm☐ http://www.webx.dk/oz2cpu/radios/miliwatt.htm☐

Here are the parts for the 40 dB RF Attenuator. This will be used to extend the power range of the Fox Delta FC3 Meter. Two chassis mount BNC female connectors, four 620 ohm 1/2 watt resistors and two 100 ohm 1 watt resistors. The BNC Tee connector will be connected between the signal source and load.

The 620 ohm resistors are soldered in series between the BNC jacks.

Each 100 ohm resistor is soldered between the right hand BNC jack and the metal case.

Each 100 ohm resistor is soldered between the right hand BNC jack and the metal case.

The completed 40 db RF Attenuator.
The signal source and 50 ohm load (a 1/2 watt 50 ohm termination shown) are attached to the tee connector on the left. The BNC jack on the right provides the 40 dB attenuated output to the meter.

1128. Reminder - Amateur Radio Roundtable

Yahoo group: foxdelta
Date: 2015-04-01 01:21:30 UTC
From: vu2fd@...
Topic: 1128 Message: 1128

Reminder - Amateur Radio Roundtable, a live weekly ham radio webcast can be seen at W5KUB.com every Tuesday night at 8:00 PM CDT (0100 UTC Wednesday).

The show covers all aspects of ham radio; such as, balloon launches, Satellite, go-kits, emergency communications, SDR, digital modes, DXing, home brewing, and much more. This week’s guests include:

Russ Woodman, K5TUX, discussing Linux and open source for ham radio
Brian Schell, KD8OTD, author, discussing D-star and Echolink for beginners
Glen Popiel, KW5GP, author of the book “Arduino for Ham Radio”

To watch Amateur Radio Roundtable go to W5KUB.com, click on Live Events and sign in with your existing User Name and Password. If you don’t have a user name and password, just enter your call or name, leave the password blank and hit sign in.

We need your help with topics. If you have a specific subject that you would like to present in a future show, send an email to tom@W5KUB.com.

Join us for fun and interesting ham radio discussions. We’ll see you on the webcast!

Tom Medlin, W5KUB

To follow our webcasts and to discuss ham radio, please join our Facebook group, Log into Facebook | Facebook https://www.facebook.com/groups/w5kub/

Log into Facebook | Facebook https://www.facebook.com/groups/w5kub/ Log into Facebook to start sharing and connecting with your friends, family, and people you know.

View on www.facebook.com https://www.facebook.com/groups/w5kub/
Preview by Yahoo

1129. 1KW HF Bridge

Yahoo group: foxdelta
Date: 2015-04-02 02:20:50 UTC
From: vu2fd@...
Topic: 1129 Message: 1129

Hello

A new project: 100 to 1KW Balanced HF Bridge is uploaded.
Bridge is suitable for SWR measurement with SWM3 CPU, GCPU or next coming CPUx projects (Dual D9 connectors)

In addition, this bridge generates a low level RF for frequency Measurement too. (SMA Connector)

At present only Diode Detector version of kits are available. Those interested in AD8307 type detector, can buy SMT parts on their own and populate the supplied add-on card (which is used only as a partition/shield for diode detector project)

Please visit: Fox Delta HFB5 1KW Balanced Tendam Type SWR BRIDGE with Diode Detector/AD8307 Log Detectors and I2C: By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD
http://www.foxdelta.com/products/hfb5.htm

http://www.foxdelta.com/products/hfb5.htm

Fox Delta HFB5 1KW Balanced Tendam Type S... http://www.foxdelta.com/products/hfb5.htm
Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta

View on www.foxdelta.com http://www.foxdelta.com/products/hfb5.htm
Preview by Yahoo

73s/Dinesh Gajjar

1130. Re: help Configuration Mode Vixen PLD

Yahoo group: foxdelta
Date: 2015-04-04 08:52:27 UTC
From: claid richard
Topic: 1120 Message: 1130

Hello,
I suggested other programs similar to hyper terminal, possibly for free?
thanks

Il Sabato 28 Marzo 2015 18:05, claid richard <claidit@...> ha scritto:

I wanted to figure out how to configure the vixen pld, aprs for the system, not on my kits no LED lights?
sorry my english.....

thanks
Fabio iw7edItaly

1131. Re: help Configuration Mode Vixen PLD

Yahoo group: foxdelta
Date: 2015-04-04 09:14:49 UTC
From: vu2fd@...
Topic: 1120 Message: 1131

Hello

Hyper terminal is already free with Win OS.
If you are looking for other free similar, there are many.

Regards/Dinesh Gajjar

1132. Amateur Radio Roundtable

Yahoo group: foxdelta
Date: 2015-04-07 09:39:44 UTC
From: vu2fd@...
Topic: 1132 Message: 1132

Reminder - Amateur Radio Roundtable, a live weekly ham radio webcast can be seen at W5KUB.com every Tuesday night at 8:00 PM CDT (0100 UTC Wednesday).

Exciting news – This week we are expanding our show and will be simulcasting our webcast on shortwave radio station, WTWW on 9930 KHz on Tuesday from 8:00 – 9:00 CDT (0100 -0200 UTC Wednesday). The show changes frequencies from 9930 to 5085 KHz at 9:00 CDT (0200 UTC Wednesday). This is a powerful shortwave station (100 Kilowatts) and is heard in many countries. Shortwave listeners will also have to option to go to w5kub.com and join in on the video webcast and chat room.

The show covers a wide range of topics for ham radio operators, electronic hobbyists, and shortwave listeners; such as, balloon launches, Satellite, go-kits, emergency communications, SDR, digital modes, DXing, home brewing, and more. We are adding another segment for our shortwave listeners. Ted Randall, WB8PUM, from QSO Radio Show will be joining us each week as a co-host.

This week's guests include:

Fred Lloyd, AA7BQ, founder of QRZ.COM
Jay James, W4BSB, will discuss building and operating large remote HF stations such as his remotes in VA and TX.
Rich Moseson, W2VU, Editor of CQ Magazine

To watch Amateur Radio Roundtable go to W5KUB.com, click on Live Events. To join the chat room, sign in with your existing User Name and Password. If you don't have a user name and password, just enter your call or name, leave the password blank and click sign in. If you are listening on 9930 KHz, give us your location and signal report through our chat room.

We need your help with topics. If you have a specific subject that you would like to present in a future show, send an email to tom@W5KUB.com.

Join us for fun and interesting technology discussions. We'll see you on the webcast!

Tom Medlin, W5KUB

1133. AAZ-0914A kit Availability

Yahoo group: foxdelta
Date: 2015-04-09 01:36:27 UTC
From: James Burch
Topic: 1133 Message: 1133

I went to the main fox delta web page under available kits and tried to order an AAZ-0914A kit through the fox delta store. I was told that the kit was sold out. Any news about availability?

1134. Re: AAZ-0914A kit Availability

Yahoo group: foxdelta
Date: 2015-04-09 06:52:20 UTC
From: vu2fd@...
Topic: 1133 Message: 1134

Hello

As usual, I do run short on DDS chips. When stock is low, you can not purchase at paypal shop because inventory is "zero" stock.

In fact, I do have few kits in stock. You can buy thru 2CO buttons on AAZ-0914A webpage (use paypal or CC)
This is so because 2CO do not have inventory control. I keep few reserved for 2CO sales and put off paypal shop.

Regards/Dinesh Gajjar

1135. GCPU won't connect to AAZ-0713A

Yahoo group: foxdelta
Date: 2015-04-09 15:12:18 UTC
From: i2gda@...
Topic: 1135 Message: 1135

My AAZ -713A in PC configuration works correctly, but In standalone configuration GCPU-0613 won't connect to AAZ-713A.
My settings:
AAZ713A connected to GCPU via DB9 cable
AAZ R13/R14 not installed
GCPU powered 12V
GCPU dip switches all ON
AAZ jumper H3 shortened
AAZ power jumper D9 shortened
AAZ jumper H2 open

At power ON the f/W ID LCD field shows PM4 instead of AAZ.
AAZ +5V line is OK.
The white Led is off.

What have I missed?

Tnx

Gino I2GDA

1136. Re: GCPU won't connect to AAZ-0713A

Yahoo group: foxdelta
Date: 2015-04-10 01:01:44 UTC
From: vu2fd@...
Topic: 1135 Message: 1136

Hello

Only reason I find is: Your GCPU is loaded with PM4 FW.
Use a bootloader and load AAZ FW into GCPU PIC4550.
It should work well when proper fw is present in GCPU.

AAZ FW for GCPU is available for download from GCPU and AAZ webpages

If you still face any problem, please contact me at esales@foxdelta.com

73s/Dinesh Gajjar

1137. Reminder - Amateur Radio Roundtable

Yahoo group: foxdelta
Date: 2015-04-14 03:10:57 UTC
From: vu2fd@...
Topic: 1128 Message: 1137

Reminder - Amateur Radio Roundtable, a live weekly ham radio webcast and shortwave program can be seen at W5KUB.com every Tuesday night at 8:00 PM CDT (0100 UTC Wednesday).

We have expanded our show and will be simulcasting our webcast on shortwave radio station, WTWW on 9930 KHz on Tuesday from 8:00 – 9:00 CDT (0100 -0200 UTC Wednesday). The show changes frequencies from 9930 to 5085 KHz at 9:00 CDT (0200 UTC Wednesday). We are also simulcasting our webcast audio on shortwave station WTWW on 9930 KHz. Last week we had signal reports from as far away as Australia.

The show covers a wide range of topics for ham radio operators, electronic hobbyists, and shortwave listeners; such as, balloon launches, Satellite, go-kits, emergency communications, SDR, digital modes, DXing, home brewing, and more. We are adding another segment for our shortwave listeners. Ted Randall, WB8PUM, from QSO Radio Show will be joining us each week as a co-host.

This week’s guests are Martin F. Jue, K5FLU, founder of MFJ Enterprises, discussing MFJ, and Don Kunst, W3LNE, discussing radio activities with the Boy Scouts.

To watch Amateur Radio Roundtable go to W5KUB.com, click on Live Events. To join the chat room, sign in with your existing User Name and Password. If you don’t have a user name and password, just enter your call or name, leave the password blank and click sign in. If you are listening on 9930 KHz, give us your location and signal report through our chat room.

We need your help with topics. If you have a specific subject that you would like to present in a future show, send an email to tom@W5KUB.com.

Join us for fun and interesting technology discussions. We’ll see you on the webcast!

Tom Medlin, W5KUB

To follow our webcasts and to discuss ham radio, please join our Facebook group, https://www.facebook.com/groups/w5kub/

1138. AAZ0914A Antenna Analyzer Serial Protocol or formula/look up table

Yahoo group: foxdelta
Date: 2015-04-16 12:50:14 UTC
From: opiesbrew@...
Topic: 1138 Message: 1138

I have just purchased the antenna analyzer kit and was wondering if it was possible to either get the protocol information for the serial interface? Either that or the formula/look up table that you use for the AD8307 output. I would actually prefer the formula or look up table you use for the AD8307.

I am building an automatic loop antenna tuner and would like to incorporate your circuitry into my project either as is using the serial port or by writing my own code for the PIC processor. I have extensive experience programming Microchip processors.

This project is purely for personal use and will not be marketed or distributed in any way.

Andrew
KE0CMS

1139. My New Analyzer

Yahoo group: foxdelta
Date: 2015-04-28 03:06:34 UTC
From: wayne50f100@...
Topic: 1139 Message: 1139

Just wanted to thank everyone involved with the antenna analyzer (AAZ-0914A). Just got it this afternoon and started building it tonite ,took about 3 or 4 hours start to finish. Everything went well with it. Finished it up and plugged it into my old Vista machine and it loaded driver and booted fine, did the calibrate and that was all. It just worked first try out of the barn. Im surprised and very happy with what it does and how well it works. It agrees with my old hand written SWR charts that I made a few months ago, except this now has much more info and detail. I have a Hustler vertical with 10 15 20 12 17 40 80 on it and the software plots it out on all bands very nicely. This is a great package for little time and money.
Thank you to everyone again for a great product.
KD8CJ Wayne

1140. Re: My New Analyzer

Yahoo group: foxdelta
Date: 2015-04-28 03:44:48 UTC
From: wim_dewilder@...
Topic: 1139 Message: 1140

Nice job, and what a coincidence that I just build the AA-713A today, it went together easily and like you worked first time, Plotted my Hustler 6BTV and provides accurate graph. Very nice tool to have in the shack
73 de K6TE Wim

1141. Re: My New Analyzer

Yahoo group: foxdelta
Date: 2015-04-29 02:31:24 UTC
From: wayne50f100@...
Topic: 1139 Message: 1141

FYI update antenna analyzer
So far my antenna analyzer software and hardware works with Vista ,an old XP laptop. and Win 8.1.
Each installed and ran without any problems. And that is saying something about my Win 8.1 machine , its usually a pain to get any new driver to work with out big pains and much time, but this time all is FB.
Thanks from a happy customer.
KD8CJ Wayne

1142. GCPU0613 - LCD panel issue

Yahoo group: foxdelta
Date: 2015-04-29 01:26:30 UTC
From: jgmerritt@...
Topic: 1142 Message: 1142

I received my AAZ-0914A and have built that successfully. I have used with my computer (macbook pro with windows in VMWare) to plot my mobile antenna and my buddlipole for quick portable setup. It works very nice.

I also have the GCPU to use without a laptop. The display is working and it connected to the AAZ fine. The display looks a bit messed up. It actually looks like the same thing is being written to both sides of the LCD. It is as if CS1 and CS2 are being selected at the same time so that the same text is being sent to both halves of the LCD panel. I have looked to see if perhaps CS1 and CS2 pins were shorted together as I did have some trouble soldering the header on the LCD, but I don't see a short.

I was hoping that someone might have some further ideas. I am going to re-verify all of the pins on the LCD and mainboard to make sure there are no shorts.

-jim (ND1T)

1143. Re: GCPU0613 - LCD panel issue

Yahoo group: foxdelta
Date: 2015-04-29 05:52:57 UTC
From: vu2fd@...
Topic: 1142 Message: 1143

Hello

Give a try to see for any possible shorts around header. Sometime, excessive solder from bottom comes out on other side and make problem

If nothing found, just drop me a mail to esales@foxdelta.com and I will send you a replacement LCD. Perhaps that is the one defective.

73s/Dinesh Gajjar

1144. Re: GCPU0613 - LCD panel issue

Yahoo group: foxdelta
Date: 2015-04-29 14:21:01 UTC
From: jgmerritt@...
Topic: 1142 Message: 1144

Thanks Dinesh, I'm going to give it another look again this evening.

73s

-jim (ND1T)

1145. Re: GCPU0613 - LCD panel issue

Yahoo group: foxdelta
Date: 2015-04-30 16:40:31 UTC
From: jgmerritt@...
Topic: 1142 Message: 1145

After a few emails from Dinesh and Tony, the issue ended up being a bad solder joint on the LCD panel header. It apparently was not bad enough to fail continuity testing, but it did cause enough of an issue to the CS lines for the display.

I "re-soldered" the LCD panel header again making sure I gave special attention to pins 15/16, and after powering back up, the display issue was corrected.

Thanks to all for their trouble-shooting advise.

73s,

-jim (ND1T)

1146. SWM3 Display is solid blocks

Yahoo group: foxdelta
Date: 2015-05-10 01:54:19 UTC
From: Fred Juch
Topic: 1146 Message: 1146

I wanted to see if there are typical problems I may have stumbled upon. I built the SWM3 and when I turn it on, I get solid blocks on the display (Single top line). The display does change after a few seconds, and it does connect to the computer with USB. So I think the PIC is at least partially operating. The backlight is on also. When I push the left button the display does change to off them returns to all blocks. I checked solder joints, bridges, cables display connections and all look good. I also have a working ST2-RS232. Are the displays the same? Can I swap them to determine if the one in the SWM3 is good? Any suggestions are accepted here.

Thanks,

Fred N5JXO

1147. Re: SWM3 Display is solid blocks

Yahoo group: foxdelta
Date: 2015-05-10 05:35:50 UTC
From: vu2fd@...
Topic: 1146 Message: 1147

Hello Fred

Solid Squares on LCD may be result of following:

1. Ribbon cable is badly crimped. Check all 16 wires.

2. On SWM3, ensure that DIP switch (both) are "off" and check if PIN1 of PIC4550 is +5V. (also, hopefully you do not have a jumper at "X")

3. Squares indicates from from above two possibilities, Basically, when (at start up) if BT1 is pressed (or DIP is "ON") processor goes into "Bootloader" mode and Squares appear on LCD.

Yes, you can swap LCD and ribbon cable from ST2 to SWM3. They are same but ensure that "1" marked on LCD matches "1" on ribbon header.

If problem continue or fault is found, contact me at esales@foxdelta.com

73s/Dinesh Gajjar

1148. Re: [foxdelta] Re: SWM3 Display is solid blocks

Yahoo group: foxdelta
Date: 2015-05-10 12:15:45 UTC
From: Jan Servaites
Topic: 1146 Message: 1148

Also, check the crystal oscilator with an O-scope, I have a intermittent one on my SWM3. I now have a new crystal on order from Mouser. I was seeing the solid square digits too.
Jan N8CBX

vu2fd@... [foxdelta] wrote:

>
>
> Hello Fred
>
>
> Solid Squares on LCD may be result of following:
>
> 1. Ribbon cable is badly crimped. Check all 16 wires.
>
> 2. On SWM3, ensure that DIP switch (both) are "off" and check if PIN1
> of PIC4550 is +5V. (also, hopefully you do not have a jumper at "X")
>
> 3. Squares indicates from from above two possibilities, Basically,
> when (at start up) if BT1 is pressed (or DIP is "ON") processor goes
> into "Bootloader" mode and Squares appear on LCD.
>
> Yes, you can swap LCD and ribbon cable from ST2 to SWM3. They are same
> but ensure that "1" marked on LCD matches "1" on ribbon header.
>
> If problem continue or fault is found, contact me at esales@...
>
> 73s/Dinesh Gajjar
>
>
>
>
>

1149. RE: [foxdelta] Re: SWM3 Display is solid blocks

Yahoo group: foxdelta
Date: 2015-05-11 02:13:50 UTC
From: Fred Juch
Topic: 1146 Message: 1149

Thanks for the suggestions. After using some parts from the Other Fox Delta Kit my problem was the ribbon cable. I removed every pin and hit it with a little solder and reinserted them. Everything works now. So I will begin calibration of my dual power sensors soon.

As an aside, I could not determine which direction to mount the LEDs so I took an 8 pin header and cut it in half and then nibbled one connector off the end, and soldered it on the small LED/Switch board. This way if the LED is backwards it is easy to turn around. I also put some o-rings in the LED holes and set the depth of the LED to be flush with the o-ring. It looks real good.

Thanks I really like both of my Fox Delta kits,

Fred N5JXO

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
Sent: Sunday, May 10, 2015 12:36 AM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Re: SWM3 Display is solid blocks

Hello Fred

Solid Squares on LCD may be result of following:

1. Ribbon cable is badly crimped. Check all 16 wires.

2. On SWM3, ensure that DIP switch (both) are "off" and check if PIN1 of PIC4550 is +5V. (also, hopefully you do not have a jumper at "X")

3. Squares indicates from from above two possibilities, Basically, when (at start up) if BT1 is pressed (or DIP is "ON") processor goes into "Bootloader" mode and Squares appear on LCD.

Yes, you can swap LCD and ribbon cable from ST2 to SWM3. They are same but ensure that "1" marked on LCD matches "1" on ribbon header.

If problem continue or fault is found, contact me at esales@...

73s/Dinesh Gajjar

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4800 / Virus Database: 4311/9736 - Release Date: 05/09/15

1150. RE: [foxdelta] Re: SWM3 Display is solid blocks

Yahoo group: foxdelta
Date: 2015-05-11 03:41:35 UTC
From: vu2fd@...
Topic: 1146 Message: 1150

Thank you Fred
We are working on improvement on that ribbon cable, for next projects and if possible for present kits.

Crimping on this particular type of 16PIN ribbon connector is not as good s it should be.
If you need a replacement cable, contact me and I will send you one.

73s/Dinesh Gajjar

1151. 2015 Dayton Hamvention live webcast

Yahoo group: foxdelta
Date: 2015-05-12 01:59:11 UTC
From: vu2fd@...
Topic: 1151 Message: 1151

May 15, 16, 17, 2015

This week: Special edition - Live webcast of world's largest amateur radio gathering The 2015 Dayton Hamvention is held in Dayton, Ohio, USA and has been around for over 50 years. It is the largest hamfest in the world, with both inside and outside flea market vendors. Last year's attendance was approximately 25,000 with worldwide attendance. W5KUB.com has been webcasting this event for 14 years. For viewers that cannot attend in person, this virtual webcast is the next best thing to being there.
During Hamvention the W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=c15472e117&e=211883279c webcast viewers will see thousands of other amateur radio operators (hams) as they visit, watch their friends wave or say hello to friends and family at home, and meet our special guests. In addition, thousands of dollars in prizes will be awarded to the W5KUB webcast viewers. All prizes are amateur radio related and have been donated by the following vendors: ABR Industries, ARRL, Associated Radio, Balun Designs, Begali, BHI, Buckmaster, CQ Communications, DX Engineering, EZHang, Gifts4Hams, GigaParts, Gold Metal Ideas, Gold Print Services, Heil Sound, HTD Software, ICOM, Kantronics, KB3IFH, LDG Electronics, Mastrant, MFJ, MicroLog, NCG, Peet Prothers, Quicksilver Radio, Ten-Tec, TG Electronics, Tigertronics, Times Microwave, etc. Prize eligibility requires a viewer to log into the chat room, listen for their name to be called, and respond in the chat room within the allotted time. Viewers must have a registered W5KUB.com account so they can be located if they win a prize. Registration is simple, takes less than a minute, and only requires your email address, and your chosen User Name and Password. User information will not be shared beyond W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=77afb9adca&e=211883279c.

Tuesday, May 12, evening. The weekly regular webcast of Amateur Radio Roundtable will not be held. Instead, there will be a live feed with videos of the W5KUB team packing for the Dayton Hamvention trip that begins Wednesday morning. Viewers can still chat in the chat room and watch some interesting videos.

Wednesday, May 13, 8:00 AM CDT (1300 UTC) the excitement begins as the W5KUB.COM http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=7d02b06816&e=211883279c webcast team begins their 500 mile drive from Collierville, Tennessee to Dayton, Ohio. This drive takes about 10 hours and will be streamed live. Viewers can communicate with the team through the chat room as they are enroute. Watch the beautiful scenery, watch other hams on the road, take rest breaks with the team, watch them maneuver through storms and construction, and maybe they will make the trip without being delayed by the highway police!
Thursday, May 14th,, 9:00 AM - 5:00 PM EDT (1300 - 2100 UTC) watch the W5KUB team set up at Hamvention. There will be live feeds running on backup connections as they set up the Exede Ka Band satellite internet uplink. This satellite uplink provides the necessary bandwidth for the highest quality video and audio from the event. Watch the booth set up in the Silver Arena (SA301-SA302). Although this is a set-up day, there will be special guests visiting the booth. You never know what or who you will see!
Friday, May 15, 8:00 AM EDT (1200 UTC) until 5:00 PM EDT - guests, vendor interviews and demonstrations, and prizes

Saturday May 16 8:00 AM EDT (1200 UTC) until 5:00 PM EDT - guests, vendor interviews and demonstrations, prizes, and announcement of GigaParts Mid-Sweepstakes Prize at 2:00.
Sunday May 27th, 8:00 AM EDT (1200 UTC) until 2:00 PM EDT - guests, vendor interviews and demonstrations, and prizes. After Hamvention ends, the webcast will continue throughout the 500 mile drive back to Collierville, TN. Prizes will be awarded, videos from the event will be show, and viewers can continue to interact with the crew or other hams.
Please help spread this word to other hams by forwarding this message, posting to Facebook, and Twitter.
73,

Tom Medlin, W5KUB

1152. Re: [foxdelta] SWRA v6.02

Yahoo group: foxdelta
Date: 2015-05-12 17:44:28 UTC
From: ly3g.gintas@...
Topic: 999 Message: 1152

Hi, Tony. I have AAZ-0713A. It works well. I want to upgrade to a version of 6.02, but fails. USB Bootloader after upgrading writes "Erase / Program / Verify completed successfully." I connected the USB cable, the LED on the AA is off, SWRA Analyzer Programm writes: device not connected. Then I run the USB Bootloader, I downgrade to version 5.02. USB Bootloader again writes "Erase / Program / Verify completed successfully." After switching USB cable, LED lights, SWRA Analyzer programm (5.03 and 6.02) reports that the product safely connected. Everything works. Then i upgrade firmware to v6.01. Again everything works well. Only FW v6.02 I can not upgrade. Now AA is with FW v6.01. SW 5.03. What is the problem?

Gintas 73! de LY3G

1153. Re: [foxdelta] SWRA v6.02

Yahoo group: foxdelta
Date: 2015-05-13 05:39:38 UTC
From: i2tzk@...
Topic: 999 Message: 1153

Hi
SWRA f/w v6.02 is a special version to automatically detect the presence of BT module and switch beetween the usb and serial connection.

To use the v6.01 please connect the pin 24 of pic 18F2550 (port RB3) to +5V (pin 20 of 18F2550) via a 10K resistor.

73's Tony

1154. Re: [foxdelta] SWRA v6.02

Yahoo group: foxdelta
Date: 2015-05-13 13:56:16 UTC
From: ly3g.gintas@...
Topic: 999 Message: 1154

I'm sorry, but I did not understand. I've been using V6.01 without problems. I wanted to update V6.02.

Gintas LY3G

1155. Re: [foxdelta] SWRA v6.02

Yahoo group: foxdelta
Date: 2015-05-13 14:07:06 UTC
From: i2tzk@...
Topic: 999 Message: 1155

sorry my fault, please read:

To use the v6.02 please connect the pin 24 of pic 18F2550 (port RB3) to +5V (pin 20 of 18F2550) via a 10K resistor.

73s Tony

1156. Re: SWRA v6.02

Yahoo group: foxdelta
Date: 2015-05-13 20:09:06 UTC
From: ly3g.gintas@...
Topic: 999 Message: 1156

Thank You Tony for your response. Another question - need insert as well jumper in header "FW UPDATE" together with "connect the pin 24 of pic 18F2550 (port RB3) to +5V (pin 20 of 18F2550) via a 10K resistor"?

Gintas 73! de LY3G

1157. Re: [foxdelta] Re: SWRA v6.02

Yahoo group: foxdelta
Date: 2015-05-14 05:04:53 UTC
From: i2tzk@fastwebnet.it
Topic: 999 Message: 1157

Hi
NO, jumper FW UPDATE is NOT needed for scanning/generator operations.
Tony

Il 13/05/2015 22:09, ly3g.gintas@... [foxdelta] ha scritto:
>
> Thank You Tony for your response. Another question - need insert as
> well jumper in header "FW UPDATE" together with "connect the pin 24 of
> pic 18F2550 (port RB3) to +5V (pin 20 of 18F2550) via a 10K resistor"?
>
> Gintas 73! de LY3G
>
>

1158. Support Documents for AAZ

Yahoo group: foxdelta
Date: 2015-05-14 05:25:18 UTC
From: vu2fd@...
Topic: 1158 Message: 1158

Hello

Three new docs may be downloaded from AAZ-0914A webpage at:

Foxdelta 50MHZ Antenna analyzer: AAZ-0914A: By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD
http://www.foxdelta.com/products/aaz-0914a.htm

http://www.foxdelta.com/products/aaz-0914a.htm

Foxdelta 50MHZ Antenna analyzer: AAZ-0914A: By ...
http://www.foxdelta.com/products/aaz-0914a.htm Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta

View on www.foxdelta.com http://www.foxdelta.com/products/aaz-0914a.htm
Preview by Yahoo

1. AAZ Troubleshooting Guide by Frank/K7SFN:
http://www.foxdelta.com/products/infinity/AAZ-0914A/AAZ-0914A-Troubleshooting-Guide.pdf
http://www.foxdelta.com/products/infinity/AAZ-0914A/AAZ-0914A-Troubleshooting-Guide.pdf

2. Kit Building Guide by Frank/K7SFN
http://www.foxdelta.com/products/infinity/AAZ-0914A/Kit-Building-Guide.pdf
http://www.foxdelta.com/products/infinity/AAZ-0914A/Kit-Building-Guide.pdf

3. AAZ Testing/Assembly Guide by Tony/I2TZK
http://www.foxdelta.com/products/infinity/AAZ-0914A/SWRA-TestingGuide-i2tzk.pdf
http://www.foxdelta.com/products/infinity/AAZ-0914A/SWRA-TestingGuide-i2tzk.pdf

73s/Dinesh Gajjar

1159. AAZ-0914A

Yahoo group: foxdelta
Date: 2015-05-17 20:09:19 UTC
From: tlea64@...
Topic: 1159 Message: 1159

LED lights OK. Run software w/usb and LED does the 3-flash thing and analyzer found. Connect to antenna and select 20 mtrs. Select either One Shot or Start and the software starts and the line runs about 1 1/2 in across the screen and all of a sudden it reports "not connected". Pull the usb and plug it back in and is shows "connected". Start the process over again and the same thing happens. Running on a netbook under Windows XP.

Help.....

1160. Re: AAZ-0914A

Yahoo group: foxdelta
Date: 2015-05-18 00:14:36 UTC
From: vu2fd@...
Topic: 1159 Message: 1160

Hello

To start with: Do you have latest update of dotnet from microsoft for your XP?

Regards/Dinesh Gajjar

1161. AAZ-0914A

Yahoo group: foxdelta
Date: 2015-05-18 00:30:32 UTC
From: tlea64@...
Topic: 1159 Message: 1161

Namaskar

Currently have .net Framework 1.1, 2.0 SP2, 3.0 SP 2, 4 Client Profile and 4 Extended listed in the add/remove programs panel.

Tom
K5LEA

1162. Can't find AAZ-0713A PC software link

Yahoo group: foxdelta
Date: 2015-05-27 00:27:00 UTC
From: dgnabq@...
Topic: 1162 Message: 1162

Finished the kit and checked the voltages etc and al well. Now I need the software and I must be blind but can't find the link.

Thanks,

Dave
KF5OCP

1163. Re: Can't find AAZ-0713A PC software link

Yahoo group: foxdelta
Date: 2015-05-27 00:41:25 UTC
From: vu2fd@...
Topic: 1162 Message: 1163

Hello

All FW and SW are always on related project webpages: For 0713A, its here:

Foxdelta Graphic LCD Antenna analyzer: PIC18F4550 and 128X64 Graphic LCD 35MHZ Antenna Aanlyzer By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD
http://www.foxdelta.com/products/aaz-0713.htm

http://www.foxdelta.com/products/aaz-0713.htm

Foxdelta Graphic LCD Antenna analyzer: PIC18F...
http://www.foxdelta.com/products/aaz-0713.htm Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta

View on www.foxdelta.com http://www.foxdelta.com/products/aaz-0713.htm
Preview by Yahoo

Regards/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <dgnabq@gmail.com> wrote :

Finished the kit and checked the voltages etc and al well. Now I need the software and I must be blind but can't find the link.

Thanks,

Dave
KF5OCP

1164. Re: Can't find AAZ-0713A PC software link

Yahoo group: foxdelta
Date: 2015-05-27 14:59:51 UTC
From: dgnabq@...
Topic: 1162 Message: 1164

Thanks Dinesh, found it.

1165. Re: AAZ-0914A

Yahoo group: foxdelta
Date: 2015-06-05 06:56:07 UTC
From: harry_brash@...
Topic: 1159 Message: 1165

I received the analyser kit a few days. It appears to be working correctly with one exception.

I am testing a loop antenna for 40m. I am using a 10m length of 50 ohm coax to connect to the antenna. Placing a 50 ohm load on the end gives >30dB as it should. Scans on the antenna look good except that nulls greater than 20dB are truncated at about 20dB.

I suspected interference from somewhere and disconnected everything that seemed a likely source including my laptop mains supply but to no avail. The USB cable I am using has ferrite on both ends.

Any suggestions would be much appreciated.

Thanks

Harry GM3RVL

1166. Re: AAZ-0914A

Yahoo group: foxdelta
Date: 2015-06-06 15:36:49 UTC
From: harry_brash@...
Topic: 1159 Message: 1166

Further to my previous post I have just been doing some checking on my analyser.

At 7MHz the output to the bridge from Q1 is not a pure sine wave. This could explain why I cannot get any nulls deeper than 20dB since harmonics wouldn't match to the antenna in the same way as the fundamental. It also explains why a 50ohm load gives >30dB as the harmonics would match as well as the fundamental.

At 7MHz the output from Q1 shows noticeable flat topping (not cut off but rounded). The input to Q1 appears to be ok although I find it hard to get a clean signal.

As far as I can tell the voltage levels are correct. I notice R8 is 39ohms as provided in the kit but the circuit says 33ohms. The bias on Q1 is 3.5V.

At 1MHz the distortion of Q1 output is more noticeable and is more complex than at 7MHz and up.

I looked up the MMIC SGA3486 which is used in the analyser. The recommended bias resistor for 5V is 68ohm. I tried that and the distortion was much worse. I tried 33ohm as on the supplied circuit and the distortion was reduced such that my nulls now limit at 23.9dB as against 20dB.

I would appreciate some advice. Do I have a bad MMIC or what?

Thanks

Harry

1167. Re: AAZ-0914A

Yahoo group: foxdelta
Date: 2015-06-14 10:00:02 UTC
From: kc1at@...
Topic: 1159 Message: 1167

Any update on this ???? I haven't dug into mine yet. Too many projects in front of it but its on the list.

Don KC1AT

1168. AAZ-0914A

Yahoo group: foxdelta
Date: 2015-06-08 13:02:26 UTC
From: tlea64@...
Topic: 1159 Message: 1168

Tries it on another desktop machine running Windows 7 Pro. Has dotnet 4.5.1 installed. Machine does not recognize the AAZ from either the front or rear USB ports. There is no LED light at all. AAZ IS recognized on my netbook computer running XP, but the AAZ still drops off-line during the scans. Downloaded the Troubleshooting Guide from K7SFN and the Testing Guide from I2TZK. Everything (with a meter) checks OK. Am on the way to someone with a scope this afternoon.

Drivers somewhere for Win 7? Why would it not be seen? The User Guide didn't jelp?

Perplexed.

Tom
K5LEA

1169. RE: [foxdelta] Re: SWM3 No power to remote dual scale bridge

Yahoo group: foxdelta
Date: 2015-06-15 01:26:59 UTC
From: fjuch@...
Topic: 1146 Message: 1169

Dinesh,
I finally got around to working on this kit again. I found no power on Pin 1 of the ports that go to the dual scale bridge. So I troubleshot it back to RFC1 & RFC4. They appear open. +5V on one end and 0V on the other side with no cables connected. Is it possible I burned these up somehow? I have tested the other RFC and they test good (0 ohm). Is there something I should look for in the dual scale bridges (I have 2)? Maybe I have a short. Let me know if there are common problems that I may have run across. I will need to order a couple more from Digikey or elsewhere and replace them.

Thanks for your thoughts on this.

Fred N5JXO

1170. Re: [foxdelta] AAZ-0914A

Yahoo group: foxdelta
Date: 2015-06-15 03:18:09 UTC
From: Garry Foster
Topic: 1159 Message: 1170

Well I could test on my set up as mine works on all my computers and usually on my android tablet..
If interested let me know, and we could arrange shipment. Then you would at least know if was the analyzer or your set up. I think Frank is in that area.

Garry

On Mon, Jun 8, 2015 at 9:02 AM, tlea64@... [foxdelta] <
foxdelta@yahoogroups.com> wrote:

>
>
> Tries it on another desktop machine running Windows 7 Pro. Has dotnet
> 4.5.1 installed. Machine does not recognize the AAZ from either the front
> or rear USB ports. There is no LED light at all. AAZ IS recognized on my
> netbook computer running XP, but the AAZ still drops off-line during the
> scans. Downloaded the Troubleshooting Guide from K7SFN and the Testing
> Guide from I2TZK. Everything (with a meter) checks OK. Am on the way to
> someone with a scope this afternoon.
>
> Drivers somewhere for Win 7? Why would it not be seen? The User Guide
> didn't jelp?
>
> Perplexed.
>
> Tom
> K5LEA
>
>
>
>

1171. FD-AAZ-0914A

Yahoo group: foxdelta
Date: 2015-06-16 13:34:08 UTC
From: eddie_g4ppb@...
Topic: 1171 Message: 1171

Hi Dinesh/Frank,

I bought an AAZ-0914A kits a few of weeks ago. It arrived last week and I began assembling it last Friday, 12th June. I left it alone over the weekend because one of my grand-daughters was staying with us, she's only 8 years old and demands a lot of attention!

I completed assembly yesterday, Monday15th, and did the test routines. There was no 10MHz output at the antenna socket so, following Frank's PDF fault-finding guide, after I'd checked the relevant voltages and found them to be correct, I discovered that there was no125MHz signal present on pin 3 of the DDS socket.

I've checked for the +3.3V on pin 4 of the oscillator and that's ok, Pin 2 has a good ground connection, Pin 1 shows approximately 10 Megohms to ground and, of course there is no 125MHz signal present on Pin 3
.

Frank suggests replacing the 125MHz oscillator but I'm unsure of which type of oscillator to buy.

I have searched for a direct replacement, "TKA 25" but nothing doing. I would appreciate your advise on which oscillator to look for.

Thanking you in advance,

Eddie Marshall, (G4PPB),

Wigan,

England

1172. Re: FD-AAZ-0914A

Yahoo group: foxdelta
Date: 2015-06-16 14:42:33 UTC
From: vu2fd@...
Topic: 1171 Message: 1172

Hello Eddie

For hardware problem, please contact me at esales@foxdelta.com

73s/Dinesh

1173. Re: FD-AAZ-0914A

Yahoo group: foxdelta
Date: 2015-06-16 15:14:47 UTC
From: eddie_g4ppb@...
Topic: 1171 Message: 1173

Hi Dinesh,
I tried to email you at that address but it would not allow me to send it there.
Eddie

1174. Re: [foxdelta] Re: FD-AAZ-0914A

Yahoo group: foxdelta
Date: 2015-06-16 15:17:28 UTC
From: Garry Foster
Topic: 1171 Message: 1174

Dinesh

I know this is you guys business model and all. And you have been successful. I own two of your products including this one. However it would be so nice if you guys would do support over a forum or email reflector so past problems would be available for new buyers to refer back too. It could save so much time on the simpl;er things for all involved. I know I had a problem with contrast on my first counter kit as it wasn't addressed anywhere in the literature. You did answer that here on the list. Just my thoughts and I appreciate the reasonable kits you all make available..

73 Garry WB0NNO

On Tue, Jun 16, 2015 at 10:42 AM, vu2fd@... [foxdelta] <
foxdelta@yahoogroups.com> wrote:

>
>
> Hello Eddie
>
> For hardware problem, please contact me at esales@...
>
> 73s/Dinesh
>
>
>

1175. Re: [foxdelta] Re: FD-AAZ-0914A

Yahoo group: foxdelta
Date: 2015-06-17 01:01:11 UTC
From: vu2fd@...
Topic: 1171 Message: 1175

Hello Garry

That is ok. You may post on group but mail goes to 700+ members.
Better is to contact me first because I supply hardware and can easily find problem with hardware or components used. If I fail to help, group members are always available for help.

73s/Dinesh Gajjar

1176. Heard Island DXpedition

Yahoo group: foxdelta
Date: 2015-06-17 02:49:08 UTC
From: vu2fd@...
Topic: 1176 Message: 1176

Amateur Radio Roundtable
Subject: Heard Island DXpedition
It's time for Amateur Radio Roundtable, a live weekly amateur radio webcast and simulcasted shortwave program every Tuesday night at 8 PM CDT (0100 UTC Wednesday). The show can viewed at W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=c09e2a0635&e=211883279c or heard on shortwave radio station, WTWW on 5085 KHz. Tom Medlin, W5KUB, is joined by co-host Ted Randall, WB8PUM, from the QSO Radio Show.

The show covers a wide range of topics for ham radio operators, shortwave listeners, and electronic hobbyists; including balloon launches, Satellite, go-kits, emergency communications, SDR, digital modes, DXing, home brewing, and more.

This week’s guest will be Richard M Holoch, KY6R, a member of the US support team for the VK0EK Heard Island DXpedition. Rich will provide an update on the planning of this expedition. To subscribe to Rich’s Heard Island Expedition newsletter, go to http://www.heardisland.org/HD_pages/HD_newsletter.php http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=7ee0145d7f&e=211883279c

The Heard Island DXpedition is a major scientific/communications expedition to Heard Island, an Australian sub Antarctic island lying at 53°S 73°E. The island is extremely isolated and subject to extreme conditions. The theme of the expedition is “Discovering Life in the Extremes,” which includes:
Make radio contacts with amateur radio operators worldwide to log as many All-Time-New-Ones (ATNOs) as possible. Develop and deploy new technology for real-time communication with extremely isolated sites under extreme conditions. Discover new species to complete the known biodiversity as a tool for testing model predictions of climate and climate change
This voyage is scheduled for March 6 – April 20, 2016, with the amateur radio operation about March 16 – April 8.

Heard Island presents perhaps the ultimate in difficulty for amateur radio operation. Its remoteness, the harsh climate, and the absence of permanent facilities are reasons for the very infrequent amateur radio activity, and therefore for its great demand for contacts in the amateur radio community. VKØEK will be used for this xpedition.

W5KUB is proud to be a sponsor of the Heard Island DXpedition. Be sure to tune in to our live Tuesday night shows during the expedition for live reports from Heard Island.

To watch Amateur Radio Roundtable go to W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=3b3e22fa8b&e=211883279c, click on Live Events. To join the chat room, signup for a new account. It only take a couple of minutes. If you are listening on 5085 KHz, we would like to hear from you. Please send an email to tom@w5kub.com mailto:tom@w5kub.com and tell us your location and signal report.

Be sure to check out Ted Randall's show, the QSO Radio Show. You can find information about Ted's Saturday shortwave show at http://qsoradioshow.com/ http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=337252a11a&e=211883279c

We need your help with topics. If you have a specific subject that you would like to present in a future show, send an email to tom@W5KUB.com mailto:tom@W5KUB.com?subject=tom%40W5KUB.com.

Forward this message to a Friend http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=0267b59e96&e=211883279c will allow you to share this message with your friends.

Join us for fun and interesting discussions!

Tom Medlin, W5KUB

1177. Re: FD-AAZ-0914A

Yahoo group: foxdelta
Date: 2015-06-17 13:29:39 UTC
From: eddie_g4ppb@...
Topic: 1171 Message: 1177

Hi Dinesh,

I'm trying to email you about the problem outlined above and per your instructions.

My mails are rejected with the following message;

Delivery to the following recipient failed permanently:

esales@foxdelta.com

Technical details of permanent failure:
Google tried to deliver your message, but it was rejected by the server for the recipient domain foxdelta.com by foxdelta.com. [192.185.184.102].

The error that the other server returned was:
550 SPF: 74.125.82.46 is not allowed to send mail from blueyonder.co.uk

What am I supposed to do?

Eddie G4PPB

1178. Bluetooth Problem

Yahoo group: foxdelta
Date: 2015-06-18 15:25:30 UTC
From: opiesbrew@...
Topic: 1178 Message: 1178

I am having problem with getting my AAZ-0914A to communicate by Bluetooth. It works fine using the USB to computer, just not with bluetooth.

I am using an off the shelf JY-MCU bluetooth board and I can discover it on my android device and when doing a loopback test, the module works fine.

I do not have the FoxDelta bluetooth adapter board but here are my connections:

Pin 4 of MPIO (TXD) connector to RXD on Bluetooth
Pin 6 of MPIO (RXD) connector to TXD on Bluetooth
Pin 14 of MPIO (GND) connector to GND on Bluetooth
PIn 16 of MPIO (+3.3) connector to VCC on Bluetooth
Pin 12 of MPIO (+5V) connector to external +5V source
Pin 10 of MPIO (GND) connector to external GND source
Power Jumper on Analyzer is set to external power.

The Swr Analyzer software will find the bluetooth module (HC-06) but will not detect the analyzer board. Also, the LED on the analyzer does not light up at all like it does when connected to the computer.

I have verified the FW version as 6.02.

Any help would be appreciated.

73's
Andrew
KE0CMS

1179. Re: [foxdelta] Bluetooth Problem

Yahoo group: foxdelta
Date: 2015-06-18 16:49:51 UTC
From: Garry Foster
Topic: 1178 Message: 1179

Well how are you powering things. The blue tooth adapter does several things other than interface the data.. Hard to trouble shoot your mods. The led not being on says the processor isn't running from my understanding.. Maybe duplicate the bluetooth interface board.
Garry

On Thu, Jun 18, 2015 at 11:25 AM, opiesbrew@... [foxdelta] <
foxdelta@yahoogroups.com> wrote:

>
>
> I am having problem with getting my AAZ-0914A to communicate by
> Bluetooth. It works fine using the USB to computer, just not with
> bluetooth.
>
> I am using an off the shelf JY-MCU bluetooth board and I can discover it
> on my android device and when doing a loopback test, the module works

> fine.
>
> I do not have the FoxDelta bluetooth adapter board but here are my
> connections:
>
> Pin 4 of MPIO (TXD) connector to RXD on Bluetooth
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> PIn 16 of MPIO (+3.3) connector to VCC on Bluetooth
> Pin 12 of MPIO (+5V) connector to external +5V source
> Pin 10 of MPIO (GND) connector to external GND source
> Power Jumper on Analyzer is set to external power.
>
> The Swr Analyzer software will find the bluetooth module (HC-06) but will
> not detect the analyzer board. Also, the LED on the analyzer does not
> light up at all like it does when connected to the computer.
>
> I have verified the FW version as 6.02.
>
> Any help would be appreciated.
>
> 73's
> Andrew
> KE0CMS
>
>
>
>

1180. Re: Bluetooth Problem

Yahoo group: foxdelta
Date: 2015-06-19 00:35:42 UTC
From: vu2fd@...
Topic: 1178 Message: 1180

Hello

Most important is: PIN 1 of FRC16 should be grounded to enable BT function in processor. Do you have this pin grounded?

To make BT add-on function simple, I have PIN1 (BT En) and PIN2 (Ground) of FRC16 getting shorted when BT module is installed at FRC16.

Please refer to BT2 schematic for details. May be everything is working well but processor still in USB mode. Let me know if it works for you

73s/Dinesh Gajjar

1181. Re: Bluetooth Problem

Yahoo group: foxdelta
Date: 2015-06-19 01:19:09 UTC
From: opiesbrew@...
Topic: 1178 Message: 1181

Thank you for your response.

I just tried placing a jumper between pin 1 and 2 of FRC16 and the LED is now blinking as I would expect but the android app still will not detect the AAZ analyzer. It appears to be able to connect to the bluetooth module but it times out when trying to find the analyzer. I think you might be right in that the processor may be stuck in USB mode.

What is the next step?

Andrew
KE0CMS

1182. Re: [foxdelta] Bluetooth Problem

Yahoo group: foxdelta
Date: 2015-06-19 01:25:55 UTC
From: opiesbrew@...
Topic: 1178 Message: 1182

It isn't a voltage problem. I have verified the voltage at the processor as well as the xtal via oscilloscope.

This isn't my first rodeo... I design and build embedded controls using the same processor series that is used on this board... However, I really appreciate the input as even the best expert can miss the simple such as power supply issues... (:

I did get another suggestion about the BT enable pin needing to be shorted to ground and this allowed the LED to blink as expected. However, the app will still not detect the analyzer. Doubled checked the TX and RX and they seem to be ok. (even tried reversing them just to make sure)

Andrew
KE0CMS

1183. Re: [foxdelta] Bluetooth Problem

Yahoo group: foxdelta
Date: 2015-06-19 04:44:50 UTC
From: Garry Foster
Topic: 1178 Message: 1183

Well often mine would connect to the blue tooth and not the analyzer even using all the boards they supply. The sequence I go thru seems important in getting a connection. I have the android app completely off. Power up the analyzer then turn the on the analyzer app. It usually finds the analyzer then.

On My computer sometimes I have to forget the bluetooth module and then rediscover it. If using bluetooth on the computer. It has been frustrating at times, and I also use touch DRO on my Android using a very similar bluetooth module. That seems to have added some confusion....

However the last few days I have been using it to manually tune a mag loop and its pretty sweet to leave the analyzer in the shack take the tablet out in the yard and tune the cap..

Garry

On Thu, Jun 18, 2015 at 9:25 PM, opiesbrew@yahoo.com [foxdelta] <
foxdelta@yahoogroups.com> wrote:

>
>
> It isn't a voltage problem. I have verified the voltage at the processor
> as well as the xtal via oscilloscope.
>
> This isn't my first rodeo... I design and build embedded controls using
> the same processor series that is used on this board... However, I really
> appreciate the input as even the best expert can miss the simple such as
> power supply issues... (:
>
> I did get another suggestion about the BT enable pin needing to be shorted
> to ground and this allowed the LED to blink as expected. However, the app
> will still not detect the analyzer. Doubled checked the TX and RX and they
> seem to be ok. (even tried reversing them just to make sure)
>
> Andrew
> KE0CMS
>
>

1184. Order still in India with 273.00'tariff

Yahoo group: foxdelta
Date: 2015-06-24 12:48:44 UTC
From: k5adb59@...
Topic: 1184 Message: 1184

Greetings,
Anyone else having trouble receiving their order or having a tariff show on their tracking number?
I ordered the antenna analyzer, in hopes of using it for field day. It's been sitting in India according to indiapost as of 6th. The payment was via PayPal upon order & the payment was claimed on the 16th. I've tried the esales email address and the one shown in PayPal both were bounced.
Thanks
Al
k5adb

1185. Re: Order still in India with 273.00'tariff

Yahoo group: foxdelta
Date: 2015-06-24 15:45:59 UTC
From: vu2fd@...
Topic: 1184 Message: 1185

Hello Al

Contact me on vu2fd@yahoo.com with date of purchase or RG numbers.

India Post Tracking stops at Mumbai/India. You must track on USPS website to see latest update.

73s/Dinesh Gajjar

1186. Re: Order still in India with 273.00'tariff

Yahoo group: foxdelta
Date: 2015-06-24 15:48:54 UTC
From: vu2fd@...
Topic: 1184 Message: 1186

Hello

esales is main email and paypal email is the same.
For sending messages to esales, you need it to approve. (you get an email asking for approval) This is a server based spam control.

Mail do not sit in some place but as we are sending by registered airmail, update is by destination country (once its listed as Mumbai otb) For USA order, USPS will update it when it reaches NY clearing hub or sometime, they update when item already delivered.

Contact me if you need more info.

73s/Dinesh Gajjar

1187. Trouble with using bluetooth to Android

Yahoo group: foxdelta
Date: 2015-06-24 20:43:26 UTC
From: abrigno@...
Topic: 1187 Message: 1187

Have AAZ-BT-0813 SWR analyzer. Unit works pretty well with laptop but gives strange readings with Bluetooth on Asus tablet.

Am using latest V5.0 software.

Calibrated on laptop and its pretty close. On Tablet readings are way off.

Probably missing something simple and any help or suggestions would be greatly appreciated.

1188. Inifinite SWR issue

Yahoo group: foxdelta
Date: 2015-06-25 02:56:34 UTC
From: mark@...
Topic: 1188 Message: 1188

Hello, I just assembled my newly acquired AAZ-0914A SWR Analyzer kit. When plugging it into my home antenna, resonant on 20m and 40m, I get an infinite SWR across the entire spectrum (1MHz-35MHz). When I attach a 50ohm dummy load, I get a flat 1:1.14 SWR.

According to the troubleshooting guide (http://www.foxdelta.com/products/infinity/AAZ-0914A/AAZ-0914A-Troubleshooting-Guide.pdf), I'm good on steps 1-3. When going through the voltage checks on step 4, all is good until I reach E, which is supposed to read 3.5v on the output of the SGA3486 Output Pin. I believe that's the pin oriented towards the BNC connector. I am only getting 2.89v at that point.

I do see a 10MHz signal and everything is jumpered properly. I've gone over the board looking for shorts or other mistakes and I cannot seem to find any.

Any help would be much appreciated.

- Mark

1189. Re: Order still in India with 273.00'tariff

Yahoo group: foxdelta
Date: 2015-06-26 05:47:54 UTC
From: k5adb59@...
Topic: 1184 Message: 1189

Thanks! It arrived in NY the 25th. 73

1190. Field Day Live Event

Yahoo group: foxdelta
Date: 2015-06-27 00:24:22 UTC
From: vu2fd@...
Topic: 1190 Message: 1190

W5KUB Special Webcast
Field Day Live Event
The W5KUB.com team will be in the studios of QSO Radio Show http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=1a754eb127&e=211883279c with Ted Randall, WB8PUM, during Ted's special field day event, "Field Day Live". This program is intended to help promote amateur radio world-wide. Starting at approximately 2:00 PM CT (1900 UTC) Saturday, June 27th, this program will be aired on powerful shortwave radio stationWTWW on 9930 KHz and hosted by Ted Randall. The show will be simulcasted on W5KUB's webcast at W5KUB.com http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=770ccd9732&e=211883279c.

Viewers and listeners are encouraged to share their own Field Day activities world-wide by communicating with us live in any of the following methods: Call Field Day Live at (615) 813-0173 Send a text message to (615) 813-0173 Chat with us and other world-wide viewers via the W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=e3ae5a0bcb&e=211883279c chat room Join us for fun and interesting discussions!

73,
Tom Medlin, W5KUB
Ted Randall, WB8PUM

1191. Satellite Communications and Field Day

Yahoo group: foxdelta
Date: 2015-06-30 01:18:59 UTC
From: vu2fd@...
Topic: 1191 Message: 1191

Amateur Radio Roundtable
Subject: Satellite Communications and Field Day
It's time for Amateur Radio Roundtable, a live weekly amateur radio webcast and simulcasted shortwave program every Tuesday night at 8 PM CDT (0100 UTC Wednesday). The show can viewed at W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=0e0bbcfa30&e=211883279c or heard on shortwave radio station,WTWW on 5085 KHz. Tom Medlin, W5KUB, is joined by co-host Ted Randall, WB8PUM, from the QSO Radio Show. The show covers a wide range of topics for ham radio operators, shortwave listeners, and electronic hobbyists; including balloon launches, Satellite, go-kits, emergency communications, SDR, digital modes, DXing, home brewing, and more.

This week’s guest will be Clint Bradford, K6LCS. Clint lives in Southern California, and, by last count, has performed his "How to Work Amateur Radio Satellites With Your HT" presentation almost 80 times at conventions and clubs across the United States. To learn working the "birds" with just a simple HT, tune in Tuesday night's show. Clint will also discuss other tools needed; such as, free tracking software, how to home-brew a simple Yagi antenna for more punch in the signal, and the simple protocol used when making these fun and interesting contacts. In addition to learning about the satellites, the same equipment is used to contact the International Space Station.

Clint also coordinated a school contact with the International Space Station - enabling students to interview an astronaut as the International Space Station streaked overhead. Clint's websites are work-sat.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=f9ccefe89b&e=211883279c and K6LCS.com http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=816c59fb4c&e=211883279c

Also, Tom and Ted will give a report of the Field Day Live show on Ted's QSO Radio Show. Tom's team joined Ted in his Lebanon, Tennessee studio during this event where hams around the world called in with their Field Day updates. The show was broadcast on powerful 100 KW shortwave station, WTWW, at 9930 Khz; and webcast on W5KUB.com.

To watch Amateur Radio Roundtable go to W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=4deb8212b6&e=211883279c. To join the chat room, signup for a new account. It only take a couple of minutes. If you are listening on 5085 KHz, we would like to hear from you. Please send an email to tom@w5kub.com mailto:tom@w5kub.com and tell us your location and signal report.

Be sure to check out Ted Randall's show, the QSO Radio Show. Information about Ted's Saturday shortwave show can be found at qsoradioshow.com http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=4617dd2664&e=211883279c.

We need help with topics. If you have a specific subject that you would like to present in a future show, send an email to tom@W5KUB.com mailto:tom@W5KUB.com?subject=tom%40W5KUB.com.

Forward this message to a Friend http://us10.forward-to-friend1.com/forward?u=0d5cdae05233f79e11025a75d&id=4fabba341f&e=211883279c will allow you to share this message with your

friends.

Join us for fun and interesting discussions!

Tom Medlin, W5KUB Tom and Ted on the Field Day Live show

1192. ST2 Firmware Question

Yahoo group: foxdelta
Date: 2015-07-01 15:02:57 UTC
From: k7sfn@...
Topic: 1192 Message: 1192

I have completed building the Fox Delta ST-2.
When I apply 12Vdc power I get the following messages on the LCD Display
LVB Tracker Firmware V 0.7
Then I get the following:
"Warning bad: EEPROM data"
Then I get a valid AZ and EL Display

Why I am getting the Warning about bad EEPROM Data?
Also there is a SW1 on the board what is the proper setting for these switches.

73 Steve Scoggins N9HE

1193. Re: [foxdelta] ST2 Firmware Question

Yahoo group: foxdelta
Date: 2015-07-01 16:07:46 UTC
From: James Brown
Topic: 1192 Message: 1193

Hi Steve
My unit is about five years old and works the same way! I think it may be that in my case the tracking program gets turned on last in the sequence of turning on computer,radio,rotor etc. So its probably waiting for data.Once I turn on Sat32 it activates.Maybe we will learn something
Jim KI6WJ

On Wednesday, July 1, 2015 8:03 AM, "k7sfn@... [foxdelta]" <foxdelta@yahoogroups.com> wrote:

I have completed building the Fox Delta ST-2.When I apply 12Vdc power I get the following messages on the LCD DisplayLVB Tracker Firmware V 0.7Then I get the following:"Warning bad: EEPROM data"Then I get a valid AZ and EL Display
Why I am getting the Warning about bad EEPROM Data?Also there is a SW1 on the board what is the proper setting for these switches.
73 Steve Scoggins N9HE

1194. Re: ST2 Firmware Question

Yahoo group: foxdelta
Date: 2015-07-02 01:25:56 UTC
From: vu2fd@...
Topic: 1192 Message: 1194

Hello

As I already sent you details by email, message "Bad EEPROM" is correct. You need to enter into setup and give your rotor info.

To enter setup:
keep one of the front button pressed and power the ST2
keep pressed till you see "setup" screen
enter required details
save and exit

At next start up, bad eeprom message will not come

73s/Dinesh Gajjar

1195. AAZ-0914A SWR/RL readings

Yahoo group: foxdelta
Date: 2015-07-03 15:23:25 UTC
From: art.snapper@...
Topic: 1195 Message: 1195

My 0914 has the following issue:
It displays an antenna SWR of approxmately 1:1 as being about 2:1

Other than that, it appears to be functioning normally.

I inspected the resistors in the bridge circuit and they appear correct.

Open circuit calibration has the cursor moving across the top of the graph.
Short circuit calibration has the cursor moving across the bottom of the graph.
50 ohm load measures the same as the short circuit.

Any other ideas?

My next step was going to be sweeping 25 and 100 ohm resistors.

Art

1197. Re: Inifinite SWR issue

Yahoo group: foxdelta
Date: 2015-07-06 17:20:27 UTC
From: mark@...
Topic: 1188 Message: 1197

It's been over a week, and I'm still seeing the same issue with the kit. I've done about as much testing as I know how, but I need more direction to check for where the issue might be. Is a 2.89v acceptable where 3.3v should be? That's 10% below the spec.

Any feedback would be appreciated.

1198. Change Request on PC software for SWR Analyzer

Yahoo group: foxdelta
Date: 2015-07-06 17:58:19 UTC
From: opiesbrew@...
Topic: 1198 Message: 1198

I am running the PC software on a windows 8 tablet. The problem is under the generator tab. The only way to change the frequency is using the up and down arrows for each of the digits. This is extremely problematic on smaller tablets (8") as the resolution of the touch screen/finger/stylus isn't fine enough to activate the buttons.

I would love to see a way to direct input a frequency using the keyboard. This would make it much easier for use on portable windows devices.

Thank you for your consideration.

Andrew Hodges
KE0CMS

1199. Re: Inifinite SWR issue

Yahoo group: foxdelta
Date: 2015-07-07 00:10:34 UTC
From: mark@...
Topic: 1188 Message: 1199

Running through some more checks, I see that R5 (300 ohms) reads at 53 ohms, R7 (270 ohms) reads at 64 ohms, and R11 (5.6k ohms) reads at 4.84k ohms.

That's some pretty far off values.

1200. Satellite Comm the easy way

Yahoo group: foxdelta
Date: 2015-07-07 01:33:35 UTC
From: vu2fd@...
Topic: 1200 Message: 1200

Amateur Radio Roundtable
Subject: Satellite Communications the easy way
It's time for Amateur Radio Roundtable, a live weekly amateur radio webcast and simulcasted shortwave program every Tuesday night at 8 PM CDT (0100 UTC Wednesday). The show can viewed at W5KUB.com http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=cdde1e3f88&e=211883279c or heard on shortwave radio station,WTWW on 5085 KHz. Tom Medlin, W5KUB, is joined by co-host Ted Randall, WB8PUM, from the QSO Radio Show. The show covers a wide range of topics for ham radio operators, shortwave listeners, and electronic hobbyists; including balloon launches, Satellite, go-kits, emergency communications, SDR, digital modes, DXing, home brewing, and more.

During last week's show, there was a major U.S. internet routing problem and outage which affected our show. Due to this outage we were unable to proceed our show and it has been rescheduled for Tuesday, July 6th.

This week’s guest will be Clint Bradford, K6LCS. Clint lives in Southern California, and, by last count, has performed his "How to Work Amateur Radio Satellites With Your HT" presentation almost 80 times at conventions and clubs across the United States. To learn working the "birds" with just a simple HT, tune in Tuesday night's show. Clint will also discuss other tools needed; such as, free tracking software, how to home-brew a simple Yagi antenna for more punch in the signal, and the simple protocol used when making these fun and interesting contacts. In addition to learning about the satellites, the same equipment is used to contact the International Space Station.

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We are adding a segment to the show at allows our viewers and listeners to call in to a phone line and be on the show. Please call in and say hello and give us a signal report and comments about the show.

To watch Amateur Radio Roundtable go to W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=ec8a96daa2&e=211883279c. To join the chat room, signup for a new account. It only take a couple of minutes. If you are listening on 5085 KHz, we would like to hear from you. Please send an email to tom@w5kub.com mailto:tom@w5kub.com and tell us your location and signal report.

Be sure to check out Ted Randall's show, the QSO Radio Show. Information about Ted's Saturday shortwave show can be found at qsoradioshow.com http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=8b44f933a0&e=211883279c.

We need help with topics. If you have a specific subject that you would like to present in a future show, send an email to tom@W5KUB.com mailto:tom@W5KUB.com?subject=tom%40W5KUB.com.

Forward this message to a Friend http://us10.forward-to-friend1.com/forward?u=0d5cdae05233f79e11025a75d&id=cf548a7925&e=211883279c will allow you to share this message with your friends.

Join us for fun and interesting discussions!

Tom Medlin, W5KUB

1201. Re: Inifinite SWR issue

Yahoo group: foxdelta
Date: 2015-07-07 02:46:52 UTC
From: kf7dur@...
Topic: 1188 Message: 1201

Unless you lifted one end of resistors from the circuit those readings sound about right.
Just for fun I pulled my AAZ-0914A out and took some measurments for you.
R5 in circuit 55 ohms
R7 in circuit 66 ohms
SGA3486 Output Pin 2.73 VDC
My unit works fine.

I doubt that any of the resistors supplied with the kit are marked wrong.
It is more likely that you swapped 2 of the the resistors.
If I was troubleshooting this kit I would double check that all the correct components are installed in the proper location.

1202. Re: Inifinite SWR issue

Yahoo group: foxdelta
Date: 2015-07-07 14:48:03 UTC
From: mark@...
Topic: 1188 Message: 1202

Thank you for your reply. It helps me feel that I didn't completely screw this up.

Now if only I can figure out why it's not measuring my antenna properly. It seems to work on my dummy load without an issue.

1203. Re: [foxdelta] Re: Inifinite SWR issue

Yahoo group: foxdelta
Date: 2015-07-08 01:45:30 UTC
From: Garry Foster
Topic: 1188 Message: 1203

Well I usually mess up my typing badly on this tablet but I'll offer a couple of thoughts. Some things are real easy to check. Measure a 25 ohm resistor and it should give you a 2:1 or very close. Then a 100 ohm which also should be a 2:1. If these two things chech out then it really is your antenna or cable to it. If your analyzer isn't able to measure the two loads, then you need to check it. The only other thing I can think of is if for some reason your source isn't really sweeping. If it would be outputing on a single frequency or something similar. This would be easy to check by listening on your reciever. Infact you can use the gen mode and check swr at a specific frecuency and monitor on you receiver or a counter.
Just so mme thoughts.

Garry WB0NNO
On Jul 7, 2015 8:16 PM, "mark@... [foxdelta]" <
foxdelta@yahoogroups.com> wrote:

>
>
> Thank you for your reply. It helps me feel that I didn't completely screw
> this up.
>
> Now if only I can figure out why it's not measuring my antenna properly.
> It seems to work on my dummy load without an issue.
>
>

1204. SWM-3

Yahoo group: foxdelta
Date: 2015-08-02 02:33:05 UTC
From: foodwatch2003@...
Topic: 1204 Message: 1204

Im using an SWM-3 with the dual range hf bridge. I cannot get the wattmeters to provide peak readings. Has anybody else found a solution to this? Is the source code available for posible modification?
73 Ed W2PH

1205. Friendliest Hamfest in the World

Yahoo group: foxdelta
Date: 2015-08-04 00:46:16 UTC
From: vu2fd@...
Topic: 1205 Message: 1205

Subject: Friendliest Hamfest in the World

It's time for Amateur Radio Roundtable, a live weekly amateur radio webcast and simulcasted shortwave program, held every Tuesday night at 8 PM CDT (0100 UTC Wednesday). The show can viewed at W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=453dc7c4e9&e=211883279c or heard on shortwave radio station, WTWW on 5085 KHz. Tom Medlin, W5KUB http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=f01328b336&e=211883279c, is joined by co-host Ted Randall, WB8PUM http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=49fdae28b6&e=211883279c, from the QSO Radio Show. The show covers a wide range of topics for ham radio operators, shortwave listeners, and electronic hobbyists; including balloon launches, Satellite, go-kits, emergency communications, SDR, digital modes, DXing, home brewing, and more.

This week's guest is Charlie Emerson, N4OKL http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=e197c8ab7d&e=211883279c, President of the Huntsville Hamfest Association, who will be discussing the Friendliest Hamfest in the World, a regional hamfest that attracts worldwide attendees. This annual event will be held on August 15 & 16 in the spacious, easily accessible, and air conditioned Von Braun Civic Center in historic downtown Huntsville, Alabama. The South Hall is an 80,000+ square foot facility which houses vendor booths, a huge flea market area, and over 5000 attendees!

W5KUB.com will webcast the Huntsville Hamfest http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=2e0f3e1d75&e=211883279c, including the Young Ham of The Year award. The award program is sponsored by the Los Angeles, California-based Amateur Radio Newsline™ with corporate support from Yaesu USA Corporation of Cypress, California, CQ Magazine of Hicksville, New York, and Heil Sound of Fairview Heights, Illinois.

In addition to the dozens of prizes awarded by the Huntsville Hamfest Association, W5KUB.com will award over 40 prizes to online viewers. Please see website http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=ad37802f0d&e=211883279c for details.

To watch Amateur Radio Roundtable go to W5KUB.com http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=3dd133fd6b&e=211883279c. To join the chat room, sign up for a W5KUB.com account. The simple registration takes only seconds! If you are listening on 5085 KHz, we would like to hear from you. Please send an email totom@w5kub.com mailto:tom@w5kub.com and tell us your location and signal report.

A backup video server has been implemented. In the unlikely event that a viewer cannot access the main video server, viewers will now have the option to select our backup server.

Be sure to check out Ted Randall's show, the QSO Radio Show http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=277cfc0b83&e=211883279c. Information about Ted's Saturday shortwave show can be found at qsoradioshow.com http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=36dcd9d982&e=211883279c.

We need help with topics. If you have a specific subject that you would like to present in a future show, send an email to tom@W5KUB.com mailto:tom@W5KUB.com?subject=tom%40W5KUB.com.

Forward this message to a Friend http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=24a2bc3009&e=211883279c will allow you to share this message with your friends.

Join us for fun and interesting discussions!

Tom Medlin, W5KUB
Ted Randal, WB8PUM

1206. AAZ0914A Antenna Analyzer

Yahoo group: foxdelta
Date: 2015-08-05 21:40:08 UTC
From: matthewwtaylor2007@...
Topic: 1206 Message: 1206

I have just received my kit and have a small query in which some help would be grateful. I have come to component FBX2 which in parts list is a 100uH RFC, yet the photos and circuit diagram show a Ferrite bead inductor.

If someone could tell me if the 100uH RFC is right, I'd be very grateful.

Matthew
M6HMS

1207. Re: AAZ0914A Antenna Analyzer

Yahoo group: foxdelta
Date: 2015-08-06 00:22:04 UTC
From: vu2fd@...
Topic: 1206 Message: 1207

Hello

FBX2 was changed to RFC with approx value from 82 to 100uH as it improved AD8307 output clarity and produce better, noise free curve.

Use 100uH supplied with kit at FBX2.

73s/Dinesh Gajjar

1208. Re: AAZ0914A Antenna Analyzer

Yahoo group: foxdelta
Date: 2015-08-06 06:18:35 UTC
From: matthewwtaylor2007@...
Topic: 1206 Message: 1208

Thanks

1209. Re: AAZ0914A Antenna Analyzer

Yahoo group: foxdelta
Date: 2015-08-06 09:49:47 UTC
From: kc1at@...
Topic: 1206 Message: 1209

So should all of us that have an older AAZ0914A kit change that bead to a 100uH inductor ???

tnx
Don KC1AT

1210. Re: AAZ0914A Antenna Analyzer

Yahoo group: foxdelta
Date: 2015-08-06 09:58:17 UTC
From: vu2fd@...
Topic: 1206 Message: 1210

Hello Don

Not necessarily, because, noise is coming from PC and each PC may have different noise level on its USB port.

Look at AAZ curves on you PC and change this RFC if spikes are visible. If graphs are generated good and clean, you need not do any change.

73s/Dinesh Gajjar

1211. AAZ0914A Antenna Analyzer Q1

Yahoo group: foxdelta
Date: 2015-08-10 16:09:48 UTC
From: matthewwtaylor2007@...
Topic: 1211 Message: 1211

I have fully built this now, and when conducting the voltage readings I am getting 2.9V on Q1 and not 3.5V. Anyone have an idea.

1212. Re: AAZ0914A Antenna Analyzer Q1

Yahoo group: foxdelta
Date: 2015-08-11 02:28:11 UTC
From: kf7dur@...
Topic: 1211 Message: 1212

I measure 2.73VDC at that test point and my unit works fine.

1213. Huntsville Hamfest : Live Webcast August 14-16

Yahoo group: foxdelta
Date: 2015-08-14 03:17:39 UTC
From: vu2fd@...
Topic: 1213 Message: 1213

Huntsville Hamfest Live Webcast August 14-16
Its time again for a special Amateur Radio webcast from w5kub.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=625400f2b4&e=211883279c of the Huntsville Hamfest.

Our live webcast of the Huntsville Hamfest http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=b72fd4976f&e=211883279c will begin Friday, August 14 at approximately 8:00 AM CT (1300 UTC Friday) We will webcast our 3.5 hour drive live from Collierville, Tennessee to Huntsville, Alabama, and the vendor set-up in the Von Braun Civic Center. You never know who you might see or who will be on the webcast.

Huntsville Hamfest officially begins Saturday at 9:00 AM CT (1400 UTC) and ends at 4:30 PM CT. Hamfest continues Sunday at 9:00 AM CT and ends at 3:00 PM CT. After packing up Sunday afternoon, we will webcast our 3.5 hour drive home.

Forty-three prizes will be awarded to random participants in our chat room during hamfest. Our prizes include a wide range of products including Yaesu handi-talkies and MFJ antenna analyzers, just to mention a few!

The Young Ham of The Year awards will be webcast Saturday afternoon from Huntsville Hamfest. The award program is sponsored by the Los Angeles, California-based Amateur Radio Newsline™ with corporate support from Yaesu USA Corporation of Cypress, California, CQ Magazine of Hicksville, New York, and Heil Sound of Fairview Heights, Illinois.

To watch this special event, go to W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=de64113916&e=211883279c. To join the chat room, click on "Click Here for Chat" to the right side of the video.

Don't forget to join us on our regular Tuesday night live ham radio show called Amateur Radio Roundtable. It starts at 8:00 PM Central time each Tuesday. (0100 UTC Wed). Our show is also simulcast on powerful 100 KW shortwave station WtWW on 5085 Khz. The show is hosted by Tom Medlin, W5KUB http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=dea1eae232&e=211883279c, and Ted Randall, W8PUM http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=310e06d963&e=211883279c.

Forward this message to a Friend http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=90faf6b12a&e=211883279c will allow you to share this message with your friends.

Join us for fun and interesting discussions!

Tom Medlin, W5KUB

1214. Swr Analyser AAZ 0912

Yahoo group: foxdelta
Date: 2015-08-16 22:08:42 UTC
From: mocdar0@...
Topic: 1214 Message: 1214

I purchased this kit already built and it seemed to work fine.However on checking the calibration I discovered
That the 10Mhz oscillator is high in frequency.At 10Mhz the frequency is actually 10.288 Mhz and at 21 Mhz is
21.930 Mhz.This means when checking SWR the results are in error,I have tried the alignment procedure in the manual and it does not work ,Any suggestions anyone

1215. Huntsville Hamfest

Yahoo group: foxdelta
Date: 2015-08-18 03:18:44 UTC
From: vu2fd@...
Topic: 1215 Message: 1215

Huntsville Hamfest

It's time for Amateur Radio Roundtable, a live weekly amateur radio webcast and simulcasted shortwave program, held every Tuesday night at 8 PM CDT (0100 UTC Wednesday). The show can viewed at W5KUB.com http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=c63afd919a&e=211883279c or heard on shortwave radio station, WTWW on 5085 KHz. Tom Medlin, W5KUB http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=df207edea8&e=211883279c, is joined by co-host Ted Randall, WB8PUM http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=583436c0d8&e=211883279c, from the QSO Radio Show. The show covers a wide range of topics for ham radio operators, shortwave listeners, and electronic hobbyists; including balloon launches, Satellite, go-kits, emergency communications, SDR, digital modes, DXing, home brewing, and more.

This week's show will highlight last weekend's Huntsville Hamfest held in Huntsville, Alabama. Tom and Ted will show pictures and videos, and they will discuss a wide range of amateur radio topics. The phone lines will be open for viewers and listeners to participate.

To watch Amateur Radio Roundtable on Tuesday evenings, go to W5KUB.com http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=0209523257&e=211883279c. To join the chat room, sign up for a W5KUB.com account. It only take a couple of minutes. If you are listening on 5085 KHz, we would like to hear from you. Please send an email to tom@w5kub.com mailto:tom@w5kub.com and tell us your location and signal report.

Be sure to check out Ted Randall's show, the QSO Radio Show http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=d00648fecc&e=211883279c. Information about Ted's Saturday shortwave show can be found at qsoradioshow.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=db4d334fdd&e=211883279c.

We need help with topics. If you have a specific subject that you would like to present in a future show, send an email to tom@W5KUB.com mailto:tom@W5KUB.com?subject=tom%40W5KUB.com.

Forward this message to a Friend http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=a9a0508f6f&e=211883279c will allow you to share this message with your friends.

Join us for fun and interesting discussions!

Tom Medlin, W5KUB
Ted Randal, WB8PUM

1216. Re: Swr Analyser AAZ 0912

Yahoo group: foxdelta
Date: 2015-08-18 16:03:58 UTC
From: mocdar0@...
Topic: 1214 Message: 1216

Replying to my own query.Problem solved by updating firmware,silly me

1217. Re: AAZ-0914A

Yahoo group: foxdelta
Date: 2015-08-21 13:16:05 UTC
From: tlea64@...
Topic: 1159 Message: 1217

Finally gave up on this thing. Put it on the shelf.

1218. Re: [foxdelta] Re: AAZ-0914A

Yahoo group: foxdelta
Date: 2015-08-21 18:53:14 UTC
From: Kriek, Christo (CJ)
Topic: 1159 Message: 1218

It is a pity. I build mine as per instructions and it works perfect also my friend build one no problems

Sent from Samsung Mobile

-------- Original message --------
From: "tlea64@... [foxdelta]" <foxdelta@yahoogroups.com>
Date: 21/08/2015 16:26 (GMT+02:00)
To: foxdelta@...m
Subject: [foxdelta] Re: AAZ-0914A

Finally gave up on this thing. Put it on the shelf.

NOTICE: Please note that this eMail, and the contents thereof, is subject to the standard Sasol eMail legal notice which may be found at: http://www.sasol.com/legalnotices
If you cannot access the legal notice through the URL attached and you wish to receive a copy thereof please send an eMail to legalnotice@...

1219. Re: [foxdelta] Re: AAZ-0914A

Yahoo group: foxdelta
Date: 2015-08-21 20:25:10 UTC
From: Dave Fleetwood
Topic: 1159 Message: 1219

I should persevere now I have mine working it really is useful

On Fri, Aug 21, 2015 at 2:16 PM, tlea64@... [foxdelta] <
foxdelta@yahoogroups.com> wrote:

>
>
> Finally gave up on this thing. Put it on the shelf.
>
>

1220. Aaz-0914a not working

Yahoo group: foxdelta
Date: 2015-08-29 00:37:01 UTC
From: firemedted@...
Topic: 1220 Message: 1220

Hello. I received the fox delta aaz-0914 antenna analizer last week. The kit went together with no problems what so ever. I set the USB jumper to the USB spot and plugged the USB cable in. I have no power to the led with it not illuminated. My computer does not detect the device. I checked all the voltages throughout the PCB with it all being well in spec. I don't have a O-scope so I can not check the frequency at the BNC and at the PIC. I have not installed any drivers I just simply finished the kit snd plugged in the analiser. Any thoughts about what might be going wrong? Your advice and help is much appreciated. Thanks Ted Ackerson KK6DWH

1221. Re: Aaz-0914a not working

Yahoo group: foxdelta
Date: 2015-08-29 12:08:33 UTC
From: radiofan100@...
Topic: 1220 Message: 1221

Your PC should automatically install the drivers. Note that this can take a while depending on your machine. Once that's done, the LED should light and you can proceed to run the app and calibrate the device.
73 Mike W5MDB

1222. Re: Aaz-0914a not working

Yahoo group: foxdelta
Date: 2015-08-29 23:39:27 UTC
From: firemedted@...
Topic: 1220 Message: 1222

Thank you! I will give it a go.

1223. Re: Aaz-0914a not working

Yahoo group: foxdelta
Date: 2015-08-30 05:23:01 UTC
From: firemedted@...
Topic: 1220 Message: 1223

Yea. Its not working. I found a spot on pin 1 of the 125mhz occilator that was not soldiered. I soldered the pin and still nothing. I don't know what's going on. Ted KK6DWH

1224. Re: Aaz-0914a not working

Yahoo group: foxdelta
Date: 2015-08-30 05:49:14 UTC
From: vu2fd@...
Topic: 1220 Message: 1224

Hello

Pin 1 of 125 need not be soldered because it has no connection.
1. Check if you have 10MHZ signal present at BNC (Without PC software running)
2. If present, can you connect PC software to board?
3. If not, check if you have latest dotnet frame work from microsoft for your OS
4. If no 10MHZ at BNC, check if your USB port (from PC)has enough current for AAZ. Check Q1 voltages.

If still not working contact me at esales@foxdelta.com

Regards/Dinesh Gajjar

1225. Re: Aaz-0914a not working

Yahoo group: foxdelta
Date: 2015-08-30 08:48:39 UTC
From: Mary Brown
Topic: 1220 Message: 1225

You might have to change a setting for your USB port to allow higher current devices. Some limit the available power.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

1226. Re: Aaz-0914a not working

Yahoo group: foxdelta
Date: 2015-08-30 08:27:39 UTC
From: firemedted@...
Topic: 1220 Message: 1226

So I have 10mhz at the BNC tested by frequency counter. 500ma output from the PC. Still no LED illumination. I have tried 2 computers windows 7 and xp. I will search for the dotnet update. I can't wait when she is up and running. Beautiful kit!!! Thanks every one. Ted KK6DWH

1227. Re: Aaz-0914a not working

Yahoo group: foxdelta
Date: 2015-08-30 09:51:17 UTC
From: jim.toews@...
Topic: 1220 Message: 1227

Hi Ted,

It sounds to me like something is not getting the voltage that it needs. I saw in your message that you said that you checked all of the voltage test points listed in the trouble shooting guide and they were good, but I suggest that you explore a little further by using the analyzer's schematic diagram and trace those voltages as they flow through then next few components in line. You may have an open resistor or inductor not letting the voltage through to the next component. You also may have a shorted capacitor somewhere in the circuit.

Measuring the current that your antenna analyzer is drawing can help diagnose problems as well. I just finished building my AAZ-0914A Antenna Analyzer today, and like yours it didn't work either. Mine was really easy and fast to troubleshoot and find it's problem. My kit has a defective 125 MHz SMT 3.3 volt oscillator module (part No. OSC#). After confirming that all of my voltages were present and good, I removed the DDS module and probed it's socket pin# 9 for a 125 MHz signal and none was present. I emailed Fox Delta regarding this and I'm sure they will get a replacement to me quickly in the mail.

Since I can't give you any current draw info from my antenna analyzer presently, maybe someone else in the group can measure their analyzer's current draw at first power up without running the SWR Analyzer software and post it here for you to compare it to.

Good luck, and please keep the group updated on your progress.

73,

Jim VE7UV

1228. Re: [foxdelta] Re: Aaz-0914a not working

Yahoo group: foxdelta
Date: 2015-08-30 20:13:38 UTC
From: Dave Fleetwood
Topic: 1220 Message: 1228

If all voltages are correct the LED should light up when connected to computer without the program running.Are you entirely convinced that the LED is connected the correct way round.I have fallen into that trap before.Once it does work its brilliant stay with it there has to be a solution.
Cheers Dave

On Sun, Aug 30, 2015 at 10:51 AM, jim.toews@... [foxdelta] <foxdelta@yahoogroups.com> wrote:

>
>
> Hi Ted,
>
>
> It sounds to me like something is not getting the voltage that it needs.
> I saw in your message that you said that you checked all of the voltage
> test points listed in the trouble shooting guide and they were good, but I
> suggest that you explore a little further by using the analyzer's schematic
> diagram and trace those voltages as they flow through then next few
> components in line. You may have an open resistor or inductor not letting
> the voltage through to the next component. You also may have a shorted
> capacitor somewhere in the circuit.
>
>
> Measuring the current that your antenna analyzer is drawing can help
> diagnose problems as well. I just finished building my AAZ-0914A Antenna
> Analyzer today, and like yours it didn't work either. Mine was really easy
> and fast to troubleshoot and find it's problem. My kit has a defective 125
> MHz SMT 3.3 volt oscillator module (part No. OSC#). After confirming that
> all of my voltages were present and good, I removed the DDS module and
> probed it's socket pin# 9 for a 125 MHz signal and none was present. I
> emailed Fox Delta regarding this and I'm sure they will get a replacement
> to me quickly in the mail.
>
>
> Since I can't give you any current draw info from my antenna analyzer
> presently, maybe someone else in the group can measure their analyzer's
> current draw at first power up without running the SWR Analyzer software
> and post it here for you to compare it to.
>
>
> Good luck, and please keep the group updated on your progress.
>
>

> 73,
>
>
> Jim VE7UV
>
>
>
>

1229. Re: [foxdelta] Re: Aaz-0914a not working

Yahoo group: foxdelta
Date: 2015-08-30 22:00:15 UTC
From: firemedted@...
Topic: 1220 Message: 1229

I do need to trace back on the schematic to test all voltages and components. I have not yet checked the 20mhz crystal and the 125mhz oscillator with my frequency ccounter. I checked the polarity of the LED and appears correct. I might find some time tonight to tinker on it. Will keep everyone posted. Thanks Ted KK6DWH

1230. Re: [foxdelta] Re: Aaz-0914a not working

Yahoo group: foxdelta
Date: 2015-08-31 01:52:45 UTC
From: vu2fd@...
Topic: 1220 Message: 1230

Hello You said you have 10MHZ at BNC. If that is so, you need not check 20MHZ osc and 125MHZ osc.
DDS is already under processor control.

Regards/Dinesh Gajjar

1231. Graphic CPU color?

Yahoo group: foxdelta
Date: 2015-09-02 01:56:27 UTC
From: wayne50f100@...
Topic: 1231 Message: 1231

Are there any future plans for an updated COLOR display for the GPCU-0613. There was a pic posted a while back ,it looked interesting with the antenna analyzer kit that I now have?

just wondering....and waiting
thanks Wayne

1232. Heard Island DXpedition Update - Sept 8

Yahoo group: foxdelta
Date: 2015-09-07 08:39:23 UTC
From: vu2fd@...
Topic: 1232 Message: 1232

Heard Island DXpedition Update - Sept 8

This week's guest on W5KUB.com's Amateur Radio Roundtable will be Dr. Robert Schmieder, KK6EK http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=8afecbe689&e=211883279c, from Walnut Creek, California. Bob is the founder and Expedition Leader of Cordell Expeditions, a nonprofit research group begun in 1977. The group is responsible for the creation of the Cordell Bank National Marine Sanctuary and for numerous research expeditions to remote oceanic sites. He is a research physicist, by profession, with about 100 publications and four patents.

Bob was licensed in 1962 and holds an extra class license, KK6EK. His specialties are very difficult DXpeditions and developing new technology for DXpeditions. He is the inventor (for XR0Y/Z) of the online log server and DXA, the real-time log website (for K7C).

He has been on numerous DXpeditions and, as an amateur radio operator and a physicist, has combined ham radio fun with his work. Bob is also an author of many books. During the webcast we will talk about a wide range of topics; including, past DXpeditions, the upcoming Heard Island DXpedition, his discoveries, and other scientific discussions.

To learn more about the Expedition, go to their website, Heard Island: The 2016 Cordell Expedition http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=f25e64c376&e=211883279c and/or subscribe to their newsletter http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=2e0b672dd1&e=211883279c.

Last week we started a new roundtable segment called "Ask Riley". Riley Hollingsworth, K4ZDH http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=1da74878aa&e=211883279c and former FCC Special Counsel for Enforcement in Amateur Radio, will be on our webcast every other week to answer your questions. Send your questions toaskriley@w5kub.com mailto:askriley@w5kub.com?subject=Questions%20%22Ask%20Riley%22 for discussion in the program. The phone lines may also be available for questions. The next "Ask Riley" segment will be September 15.

Amateur Radio Roundtable, is a live weekly amateur radio webcast and simulcasted shortwave program, held every Tuesday night at 8 PM CDT (0100 UTC Wednesday). The show can viewed at W5KUB.com http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=8a7c3e29f9&e=211883279c or heard on shortwave radio station, WTWW on 5085 KHz. Tom Medlin, W5KUB http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=978dbe148e&e=211883279c, is joined by co-host Ted Randall, WB8PUM http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=9c5ad81153&e=211883279c, from the QSO Radio Show. The show covers a wide range of topics for ham radio operators, shortwave listeners, and electronic hobbyists; including balloon launches, Satellite, go-kits, emergency communications, SDR, digital modes, DXing, home brewing, and more.

To watch Amateur Radio Roundtable on Tuesday evenings, go to W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=88a5a23d64&e=211883279c. If you are listening on 5085 KHz, we would like to hear from you. Please send an email to tom@w5kub.com mailto:tom@w5kub.com and tell us your location and signal report.

Be sure to check out Ted Randall's show, the QSO Radio Show http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=5f56a65c75&e=211883279c. Information about Ted's Saturday shortwave show can be found at qsoradioshow.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=35b8693e5b&e=211883279c.

We need help with topics. If you have a specific subject that you would like to present in a future show, send an email to tom@W5KUB.com mailto:tom@W5KUB.com?subject=Amateur%20Radio%20Roundtable%20Topic%20Suggestion.

Forward this message to a Friend http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=c9c577cac3&e=211883279c will allow you to share this message with your friends.

Join us for fun and interesting discussions!

Tom Medlin, W5KUB
Ted Randall, WB8PUM

1233. Re: SWM-3

Yahoo group: foxdelta
Date: 2015-09-09 01:13:45 UTC
From: cosmo1stgen@...
Topic: 1204 Message: 1233

Ed,

I am bumping your post back to the top. I am also have this problem. Meters read about 2/3 peak power. Anyone have a solution?

Ryan
KK6DZB

1234. SWM3 Peek Reading

Yahoo group: foxdelta
Date: 2015-09-09 03:35:42 UTC
From: vu2fd@...
Topic: 1234 Message: 1234

Hello

Thank you for your concern.

We need to address two areas:
1. Software/FW and
2. Bridge hardware.

Tony is working on this and accordingly, we will suggest few changes on bridge hardware once satisfactory results are achieved on FW/SW.

73s/Dinesh Gajjar

1235. Re: SWM-3

Yahoo group: foxdelta
Date: 2015-09-09 02:50:33 UTC
From: foodwatch2003@...
Topic: 1204 Message: 1235

I believe the problem lies in several places. C5,C6 and C7 are areas to explore if you are using the dual bridge coupler as well as the relatively low 100k pot RV3. I dont believe there is enough time to fully charge C5 before the 100k load(RV3) together with the input divider on the micro analog in pull it back down.
Ed W2PH

1236. FC4-0614 SWR Analyzer

Yahoo group: foxdelta
Date: 2015-09-12 22:46:37 UTC
From: chuckbadger@...
Topic: 1236 Message: 1236

I recently bought the SWR Analyzer, FC4-0614. Things are going well with the build, but I am not sure how RFC1+Bead go. It looks like I put the bead on one end of the RFC1, but which end, or does it matter which end?

If I put the bead on one end of RFC1, should it stand on end on the PC board?

Thanks,
Chuck
N7NBS

1237. Re: FC4-0614 SWR Analyzer

Yahoo group: foxdelta
Date: 2015-09-13 01:33:09 UTC
From: vu2fd@...
Topic: 1236 Message: 1237

Hello

Place FB towards Q1 output.
You may also have a look at picture on FC4 webpage.

73s/Dinesh Gajjar

1238. Ham and School Projects by VU3VHD

Yahoo group: foxdelta
Date: 2015-09-17 03:31:54 UTC
From: vu2fd@...
Topic: 1238 Message: 1238

Hello

VU3VHD, a software professional for a long time, has now setup a new website for school and ham radio projects and kits at:

Electronics projects by VU3VHD http://schoolcircuits.com/

Electronics projects by VU3VHD http://schoolcircuits.com/ HAM -Amateur Radio, school and home use electronics projects

View on schoolcircuits.com http://schoolcircuits.com/
Preview by Yahoo

Initial launch kits are: DTMF controller, Power Supply and a IR Controller.
Hopefully, more kits coming up soon.

73s/Dinesh Gajjar

1239. Re: Aaz-0914a not working

Yahoo group: foxdelta
Date: 2015-09-21 03:07:43 UTC
From: firemedted@...
Topic: 1220 Message: 1239

Hello everyone,
Thank all of you for all the great advice. I am still having difficulty with the antenna analyzer. As I recapped through the trouble shooting guide all the voltage checks out okay. I used a frequency counter to test to see if there is a 10mhz output, and there is. As I was testing the analyzer today, I discovered the LED lit up bright and blinked x2. I found when I had a bare finger around the PIC and the 20mhz crystal the analyzer came alive. YEAY! So I thought lets unplug the USB power and connect to the PC. Nothing.....
I have been able to reproduce this condition twice while plugged into the PC. I have been getting a USB serial error 43. I have replaced the two 18pf caps #22 and 23. No luck. Its so strange its like half of the PIC is dead. I don't want to give up here however I am stumped. Any advice will be of help. Thank you all.
Ted Ackerson KK6DWH

1240. Re: SWM3 Peek Reading

Yahoo group: foxdelta
Date: 2015-09-21 09:30:31 UTC
From: g4fph@...
Topic: 1234 Message: 1240

I would like to register my interest in this work also.

I made a previous post regarding the SWM3 not reading peak power correctly. Any required hardware changes to the bridge circuitry may be done by the end user, but we are in your hands regarding the firmware and software.

I have done some writing of software for the PIC in Microchip assembler. Would love to have the sourcecode to read through if it is written in this language.

Regards,

Mark, G4FPH.

1241. Re: SWM3 Peek Reading

Yahoo group: foxdelta
Date: 2015-09-21 10:22:05 UTC
From: vu2fd@...
Topic: 1234 Message: 1241

Hello

Tony is already working on update to SWM3 SW to get this function. Thank you for your interest. Tony may contact you regarding this.

73s/Dinesh Gajjar

1242. More kits of FC3 are here

Yahoo group: foxdelta
Date: 2015-09-23 09:42:18 UTC
From: vu2fd@...
Topic: 1242 Message: 1242

Hello

FC3, 500MHZ Frequency counter and RF Meter kits were of a lot of interest to Radio Amateurs.
I have re-designed FC3 and have published the details. FC3-0915 kits are now available:

FC3 PIC18F4550 50/500MHZ frequency counter & RF Power Meter using AD8307
http://www.foxdelta.com/products/fc3.htm

http://www.foxdelta.com/products/fc3.htm

FC3 PIC18F4550 50/500MHZ frequency counter & RF P...
http://www.foxdelta.com/products/fc3.htm pic processor based lcd vhf uhf frequency counter for radio amateurs by fox delta

View on www.foxdelta.com http://www.foxdelta.com/products/fc3.htm
Preview by Yahoo

73s/Dinesh Gajjar

1243. SWM3: Dual Channel SWR Meter kits

Yahoo group: foxdelta
Date: 2015-09-23 09:47:15 UTC
From: vu2fd@...
Topic: 1243 Message: 1243

Hello

SWM3, Dual Channel SWR Meter kits are now available again.
SWR Meter is redesigned and details of SWM3-0915 is published:

http://www.foxdelta.com/products/swm3.htm http://www.foxdelta.com/products/swm3.htm

73s/Dinesh Gajjar

1244. Re: [foxdelta] More kits of FC3 are here

Yahoo group: foxdelta
Date: 2015-09-23 11:07:45 UTC
From: Frank Reckenberg
Topic: 1242 Message: 1244

I have the older serial port version. Can I reuse anything other then the housing with the new setup?
Frank
KM4FVI Pikeville, NC USA

On Wednesday, September 23, 2015 5:48 AM, "vu2fd@... [foxdelta]" <foxdelta@yahoogroups.com> wrote:

  Hello
FC3, 500MHZ Frequency counter and RF Meter kits were of a lot of interest to Radio Amateurs. I have re-designed FC3 and have published the details. FC3-0915 kits are now available:

FC3 PIC18F4550 50/500MHZ frequency counter RF Power Meter using AD8307
| |
| | | | FC3 PIC18F4550 50/500MHZ frequency counter RF P... pic processor based lcd vhf uhf frequency counter for radio amateurs by fox delta | |
| View on www.foxdelta.com | Preview by Yahoo |
| |

73s/Dinesh Gajjar

1245. RE: [foxdelta] SWM3: Dual Channel SWR Meter kits

Yahoo group: foxdelta
Date: 2015-10-01 02:31:32 UTC
From: Fred Juch
Topic: 1243 Message: 1245

Dinesh,

So I see the picture of the new SWM3. I notice no switch for stand-alone operation, but can you provide a list here of changes to the functionality? Is it the same, but newer components, or are there other functionality improvements? Do PEP readings work better now? I am using the dual scale bridge in my solution. By the way your Maroon paint is not maroon.

Thanks,

Fred Juch, N5JXO

1246. RE: [foxdelta] SWM3: Dual Channel SWR Meter kits

Yahoo group: foxdelta
Date: 2015-10-01 03:37:49 UTC
From: vu2fd@...
Topic: 1243 Message: 1246

GM Fred

No changes from last SWM3. Have a look at schematic.
Front switch for USB/DC12V is now performed by a small relay activated by DC12V.
Just wanted to make things more simple.

Peek level performance improvement will be published when Tony writes a new code. Some hardware changes will be required (Cap values etc)

73s/Dinesh Gajjar

1247. Is Dayton Hamvention Moving?

Yahoo group: foxdelta
Date: 2015-10-06 00:18:17 UTC
From: vu2fd@...
Topic: 1247 Message: 1247

This week's W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=413f7b2deb&e=211883279c show (October 6th) will have a special guest, Michael Kalter, W8CI http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=62e2d542fd&e=211883279c, Dayton Hamvention spokesperson, to set the record straight about rumors of Hamvention moving to a new venue. Michael will give us the official update regarding the recent rumors that have hit the news outlets.

Additionally, Riley Hollingsworth, K4ZDH http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=26d646d1dd&e=211883279c, will be back with us. Riley is the former Special Counsel to the FCC where he was in charge of the enforcement of our spectrum. During Riley's segment, he will answer viewer questions that were submitted regarding rules and regulations; and provide other information regarding licensing and enforcement of our ham bands. Riley is a regular on the show and will try to be with us every couple weeks.Send your questions toAskRiley@w5kub.com mailto:AskRiley@W5KUB.com?subject=Question%20for%20Riley%20Hollingsworth or you may submit questions via our chat room or telephone lines.

After last week's discussion on stealth antennas, we received several great videos from viewers demonstrating how they implemented working antennas in situations as we discussed. We will view those videos Tuesday night.

Next week (October 13) Paul Ewing, N6PSE http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=b2e9975ca6&e=211883279c, will be our guest. Paul has been the leader and member of many dxpeditions. He will share pictures and discuss past dxpeditions.

Riley Hollingsworth, Joe Eisenberg, and Emmett Hohensee have joined the show and will provide lots of new and great items for discussion. They will alternate appearances as their schedules permit.

Amateur Radio Roundtable is a live weekly amateur radio webcast, held every Tuesday night at 8 PM CDT (0100 UTC Wednesday) at W5KUB.com http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=c37d724d8a&e=211883279c. The show covers a wide range of topics for ham radio operators and electronic hobbyists; including balloon launches, satellite, go-kits, emergency communications, SDR, digital modes, DXing, home brewing, hamfest updates, and more. Viewers will have the opportunity to ask questions via the chat room or telephone.

Towards the end of each show, we provide a link and viewers who have a camera, microphone, and a Google+ account, can join the show. Your video and audio will be on the webcast. This part of the show is very informal and up to 10 people can join. We talk about anything the viewers want to discuss.

I also want to share pictures of your ham shack. Send a picture of your ham shack with a description and we will feature your shack pictures on the show. In fact, if you give permission, you could see your shack as the background of that weeks webcast.

If you have a specific subject idea for a future show, send an email to tom@W5KUB.com mailto:tom@W5KUB.com?subject=Amateur%20Radio%20Roundtable%20Topic%20Suggestion.

Forward this message to a Friend http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=34efa0350e&e=211883279c will allow you to share this message with your friends.

Join us for fun and interesting discussions!

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http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=3129912304&e=211883279c

W5KUB Callsign Page http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=3129912304&e=211883279c W5KUB personal biography

View on w5kub.us10.list-mana... http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=3129912304&e=211883279c
Preview by Yahoo

1248. SWM3 NEW FW/SW

Yahoo group: foxdelta
Date: 2015-10-25 00:37:22 UTC
From: vu2fd@...
Topic: 1248 Message: 1248

Hello GM

A new improved FW/SW is available for SWM3.
FW/SW is V3.00 and you may update it from previous versions using bootloader inside PIC4550.

V3.00 FW/SW addresses "peek" reading capability of the SWM3 CPU at some extend.
Best peek readings will only be realized when a bridge with that capability is used with SWM3.

73s/Dinesh Gajjar

visit SWM3 webpage :

LCD PIC18F4550 HF SWR Meter/Bridge:: Dual Channel LCD SWR Meter SWM3 By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD http://www.foxdelta.com/products/swm3.htm

http://www.foxdelta.com/products/swm3.htm

LCD PIC18F4550 HF SWR Meter/Bridge:: Dual Channe...
http://www.foxdelta.com/products/swm3.htm Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta

View on www.foxdelta.com http://www.foxdelta.com/products/swm3.htm
Preview by Yahoo

1249. AAZ-0914A: Q1 output +5VDC

Yahoo group: foxdelta
Date: 2015-11-02 00:29:55 UTC
From: jgmerritt@...
Topic: 1249 Message: 1249

Hello All, I was wondering if I could get a bit of advice. My AAZ-0914A was working then stopped. As I went through the troubleshooting guide. I found I have +5VDC at Q1 (SGA3486) instead of +3.5VDC. Would this mean that Q1 is bad?

I apologize if this is a duplicate of another post, I could't remember if I actually hit send when I wrote my first thread.

-jim (ND1T)

1250. Re: AAZ-0914A: Q1 output +5VDC

Yahoo group: foxdelta
Date: 2015-11-02 01:00:47 UTC
From: vu2fd@...
Topic: 1249 Message: 1250

GM Jim

Thanks. Yes its possible that Q1 is open circuited and that is why there is no current flowing and no voltage drop across 33 ohms resistor. (rare possibility that 33 ohms resistor is shorted!)
If you like a replacement for Q1, please drop me a mail at esales@foxdelta.com or vu2fd@yahoo.com with your shipping address.

73s/Dinesh Gajjar

1251. Re: AAZ-0914A: Q1 output +5VDC

Yahoo group: foxdelta
Date: 2015-11-02 19:09:44 UTC
From: jgmerritt@...
Topic: 1249 Message: 1251

Dinesh, I'm going to replace the 33 ohm resistor first, as it will be an easier de-soldering/soldering job, and I already have a bunch of them. I'll send an email if that does not fix the voltage issue. Thanks Diniesh.

1252. Re: SWM3 NEW FW/SW

Yahoo group: foxdelta
Date: 2015-11-09 16:24:58 UTC
From: g4fph@...
Topic: 1248 Message: 1252

Dinesh,

Thank you for the upgrade. I have installed the new firmware into my SWM3 sucessfully.

Performance on SSB does seem improved, but I need to compare results with other means of measurement when I have more time. What component changes are needed in the bridge to make the upgrade fully effective?

Regards,

Mark.

1253. Amateur Radio Roundtable

Yahoo group: foxdelta
Date: 2015-11-10 02:18:12 UTC
From: vu2fd@...
Topic: 1132 Message: 1253

More Kits and Hamfest Reports

This week's W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=ea304bfe54&e=211883279c show (November 10th) will feature Joe Eisenberg, K0NEB http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=0551830ca9&e=211883279c who will discuss kits that are becoming very popular with the amateur radio community. Joe will also provide a report on several recent hamfests which he attended.

Please send your FCC related questions to Riley Hollingsworth, K4ZDH http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=6437cbfe41&e=211883279c, atAskRiley@w5kub.com mailto:askriley@w5kub.com?subject=Question%20for%20Riley. He will answer your questions on a future webcast, and in some cases, he may just call you on the phone if you leave a number. Riley retired from the FCC’s Compliance and Information Bureau as Legal Adviser for Enforcement Program.

Amateur Radio Roundtable is a live weekly amateur radio webcast, held every Tuesday night at 8 PM CT (0200 UTC Wednesday) at W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=46534e572f&e=211883279c. The show covers a wide range of topics for ham radio operators and electronic hobbyists; including balloon launches, satellite, go-kits, emergency communications, SDR, digital modes, DXing, home brewing, hamfest updates, and more. Viewers will have the opportunity to ask questions via the chat room or telephone.
Webcast EnhancementsAs requested by viewers, the main video has been converted from Flash to HTML5! Below the chat room section, there are two blue buttons to pop out chat. if you want the chat to float, select "Pop Out This Chat" before logging in. If you also want to use the HTML5 chat room, select "Alternate HTML5 Chat". Popping out or floating the chat room will allow you to resize it, move it around on the screen, and even place it on a second computer monitor.
Mobile users must select "Alternate HTML5 Chat" to access the chat room.

"Back Up Video Server" has been converted to YouTube video which some viewers prefer. Both video servers provide the same show and chat room. A nice feature on the YouTube backup video is the ability to scroll back and forth through the live video. If a viewer missed something, they can just slide the play timeline back to see what they missed!

All of our shows are usually recorded and placed on YouTube's W5KUB channel by the next day.

We need your help. If you use Twitter, please send out a tweet 15 minutes before the show or retweet our announcement. I suggest something like "live #hamradio show starts in 15 mins on w5kub.com 8 PM CT". This should help build our viewer base.

Towards the end of each show, we provide a link and viewers who have a camera, microphone, and a Google+ account, can join the show. Your video and audio will be on the webcast. This part of the show is very informal and up to 10 people can join. We talk about anything the viewers want to discuss.

We would like to share pictures of your ham shack on the webcast. Send a picture of your ham shack with a description and we will feature your shack pictures on the show. In fact, if you give us your permission, your shack could be used as the background of that week's webcast!

If you have a specific subject idea for a future show, send an email to tom@w5kub.com mailto:tom@w5kub.com?subject=Idea%20for%20future%20show.

Forward this message to a Friend http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=43bb31720c&e=211883279c will allow you to share this message with your friends.

Join us for fun and interesting discussions!

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http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=f9a38d5668&e=211883279c

W5KUB Callsign Page http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=f9a38d5668&e=211883279c W5KUB personal biography

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Preview by Yahoo

1254. GCPUx and PM5

Yahoo group: foxdelta
Date: 2015-11-12 02:36:21 UTC
From: vu2fd@...
Topic: 1254 Message: 1254

Hello

A new project based on Graphic LCD and PIC 18F4550 is released.

GCPUx is a CPU+Graphic LCD in a metal case. User add a project board on top of GCPUx to make a working project, like: A Power meter (PM5), SWR Meter (SWM5), a Frequency counter (FC5) or an antenna analyzer (AAZ5)

For radio amateurs, who wish to develop their own code and make a project based on PIC4550 and a Graphic LCD, GCPUx kits without project board is also available.

At moment, have completed PM5: A 500MHZ dual channel RF meter.
SWM5, FC5 and AAZ are almost done and should be ready in a couple of weeks.

please visit GCPUx web page at:

Graphic LCD PIC18F4550 HF/VHF RF Meter:: Dual Channel 500MHZ RF POWER METER By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD http://www.foxdelta.com/products/gcpux.htm

http://www.foxdelta.com/products/gcpux.htm

Graphic LCD PIC18F4550 HF/VHF RF Meter:: Dual ...
http://www.foxdelta.com/products/gcpux.htm Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta

View on www.foxdelta.com http://www.foxdelta.com/products/gcpux.htm
Preview by Yahoo

PM5 webpage at:
Graphic LCD PIC18F4550 2 Channel 500MHZ RF Power meter By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD http://www.foxdelta.com/products/pm5.htm

http://www.foxdelta.com/products/pm5.htm

Graphic LCD PIC18F4550 2 Channel 500MHZ RF Pow... http://www.foxdelta.com/products/pm5.htm Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta

View on www.foxdelta.com http://www.foxdelta.com/products/pm5.htm
Preview by Yahoo

73s/Dinesh Gajjar

1255. Re: AAZ-0914A: Q1 output +5VDC

Yahoo group: foxdelta
Date: 2015-11-18 03:03:05 UTC
From: jgmerritt@...
Topic: 1249 Message: 1255

Dinesh,

I just wanted to send a follow up. It was in fact the Q1 amplifier that was the problem. I replaced it this evening and the AAZ-0914A is working properly again.

Thank you.

Jim (ND1T)

1256. Re: Inifinite SWR issue

Yahoo group: foxdelta
Date: 2015-11-22 22:41:15 UTC
From: tsidorus@...
Topic: 1188 Message: 1256

mine is doing the same thing. measuring a 26 ohm resistor gives a SWR approx 10 from 20m to 12m with the lower bands being inconsistant. My dummy loads measures about a 1.6 over much of the range.

-Brian K4Gle

1257. SWM5: Dual channel Graphic LCD SWR Meter

Yahoo group: foxdelta
Date: 2015-12-03 17:42:36 UTC
From: vu2fd@...
Topic: 1257 Message: 1257

Hello

A new project SWM5, 2 CH SWR meter with Graphic LCD is uploaded. Project is based on GCPUx and has a battery charger/board to make it a true portable unit.

Please visit SWM5 webpage for more information:

Graphic LCD PIC18F4550 2 Channel SWR Meter with Frequency Counter By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD http://www.foxdelta.com/products/swm5.htm

http://www.foxdelta.com/products/swm5.htm

Graphic LCD PIC18F4550 2 Channel SWR Meter with F...
http://www.foxdelta.com/products/swm5.htm Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta

View on www.foxdelta.com http://www.foxdelta.com/products/swm5.htm
Preview by Yahoo

73s/Dinesh Gajjar

1258. Great service

Yahoo group: foxdelta
Date: 2015-12-04 21:48:43 UTC
From: Phillip
Topic: 1258 Message: 1258
Attachments: 2 described; binary payloads are missing from this source WARC

Hi,
I am so impressed with the service from Dinesh and Foxdelta .

Living in New Zealand is a nightmare for mail just withinn yey Dinesh and Foxdelta can deliver from 1/2 world away in 7 to 10 days we can't get that service in New Zealand ..

I received my Analyzer (senior option included) in record time Many thanks !!!!!

73 Phillip
ZL2TZE

1259. Re: [foxdelta] Great service

Yahoo group: foxdelta
Date: 2015-12-04 22:59:53 UTC
From: Frank Reckenberg
Topic: 1258 Message: 1259
Attachments: 2 described; binary payloads are missing from this source WARC

We receive the same great service in the USA too! Great product.
Frank Frank Reckenberg KM4FVI Pikeville, NC USA

On Friday, December 4, 2015 4:58 PM, "'Phillip' zl2tze@... [foxdelta]" <foxdelta@yahoogroups.com> wrote:

| Hi, I am so impressed with the service from Dinesh and Foxdelta . Living in New Zealand is a nightmare for mail just withinn yey Dinesh and Foxdelta can deliver from 1/2 world away in 7 to 10 days we can't get that service in New Zealand .. I received my Analyzer (senior option included) in record time Many thanks !!!!! 73 PhillipZL2TZE |
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| FREE Animations for your email |
		Click Here!		

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1260. Re: Great service

Yahoo group: foxdelta
Date: 2015-12-05 10:15:26 UTC
From: A. Farkas
Topic: 1258 Message: 1260

Interesting.

I wasn't afforded a "seniors option". Analyzer still sitting unbuilt.

Sent from my iPhone

1261. Re: Great service

Yahoo group: foxdelta
Date: 2015-12-05 13:21:44 UTC
From: vu2fd@...
Topic: 1258 Message: 1261

Hello

"Senior" option is always available, with specific purchase button present or not.
Just purchase a kit and ask for assembled. that is all!. (applies to all kits)

If you purchased a kit and still want assembled, please contact me at esales@foxdelta.com.
You may return that kit (to my US Address) and I will send you an assembled

Regards/Dinesh Gajjar

1262. 70th Anniversary of Project Diana

Yahoo group: foxdelta
Date: 2015-12-14 14:30:45 UTC
From: vu2fd@...
Topic: 1262 Message: 1262

This week's W5KUB.com http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=0b75804582&e=211883279c show (December 15th) will feature Jeff Harshman, N2LXM http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=af6d7f049c&e=211883279c, and Martin Flynn, W2RWJ http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=ecc12d3393&e=211883279c of the Ocean-Monmouth Amateur Radio Club http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=7f5f93c729&e=211883279c to discuss the 70th anniversary of Project Diana. During our discussion you will hear the interesting story behind the first Earth Moon Earth transmission via radar by the U.S. Army in 1946. This was a milestone which proved that communications could leave our earth and be used in the future for communicating with space travel, satellites, etc. Jeff and Martin will have original photos and videos from 1946. They will also share many of the things the club is doing.

Be sure to send your FCC related questions to Riley Hollingsworth, K4ZDH http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=06298dd8b3&e=211883279c, to AskRiley@w5kub.com mailto:askriley@w5kub.com?subject=Question%20for%20Riley. Riley retired from the FCC’s Compliance and Information Bureau as Legal Adviser for Enforcement Program. He will be answering your questions every few weeks on our "Ask Riley" segment

We are back on shortwave radio thanks to the wonderful people at WBCQ radio. We are changing the frequency from 9330 khz to 5110 KHz. Please help us spread the word about the new 5110 freq. If you listen via shortwave radio, please send a signal report totom@w5kub.com mailto:tom@w5kub.com?subject=Shortwave%20Radio%20Report.

Amateur Radio Roundtable is a live weekly amateur radio webcast, held every Tuesday night at 8 PM CT (0200 UTC Wednesday) at W5KUB.com http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=8a4d76db28&e=211883279c. The show covers a wide range of topics for ham radio operators and electronic hobbyists; including balloon launches, satellite, go-kits, emergency communications, SDR, digital modes, DXing, home brewing, hamfest updates, and more. We also want to grow our shortwave listener base and will be including programs that intrest those listeners as well. Viewers will have the opportunity to ask questions via the chat room or telephone.

We are getting great reports about the stability of our new main video webcast using Youtube Live and there are no video commercials.

Our shows are usually recorded and placed on YouTube's W5KUB channel the following day.

We need your help. If you use Twitter, please send out a tweet 15 minutes before the show or retweet our announcement. I suggest something like "live #hamradio show starts in 15 mins on w5kub.com 8 PM CT". This should help increase our viewer base.

Towards the end of each show, we provide a link and viewers who have a camera, microphone, and a Google+ account, can join the show. Your video and audio will be on the webcast. This part of the show is very informal and up to 10 people can join. We talk about anything the viewers want to discuss.

We would like to share pictures of your ham shack on the webcast. Send a picture of your ham shack with a description and we will feature your shack pictures on the show. In fact, if you give us your permission, your shack could be used as the background of that week's webcast!

If you have a specific subject idea for a future show, send an email to tom@w5kub.com mailto:tom@w5kub.com?subject=Idea%20for%20future%20show.

Forward this message to a Friend http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=a828c17b0f&e=211883279c will allow you to share this message with your friends.

Join us for fun and interesting discussions!

Tom Medlin, W5KUB http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=7fec178e4c&e=211883279c

1263. Re: AAZ0914 Antenna Analyser Calibration above 50MHz

Yahoo group: foxdelta
Date: 2015-12-17 22:18:03 UTC
From: festecate@...
Topic: 1076 Message: 1263

I tried the mod in the registry but the slope from 50 to 55 MHz is still there.
The key changed was HKEY_CURRENT_USER\Software\FoxDelta\SWRAnalyzer\Calib1\FreqMax .
I tried a couple of values, both 55MHZ and 58MHZ (the hex values are 3473BC0 and 3750280)
IMHO the slope comes from low pass filtering in the output.
73 Stefano i3vbp

1264. AAZ0914 Antenna Analyser Generator Calibration

Yahoo group: foxdelta
Date: 2015-12-18 14:09:28 UTC
From: festecate@...
Topic: 1264 Message: 1264

Hi,

this is my first F/D project and I'm very satisfied with it as a very useful instrument for antenna tuning .
Just some minor troubles, one of them is generator calibration: when I attempt to calibrate it using the big + and - square buttons in the attempt to read exactly 10 Mhz on my digital counter (I read 9999760), the frequency does not change.
This kit was received and built a week ago ; on starting the SW says is v6.03 while FW is v6.02 .
I checked the .NET and on my Win XP I have all version installed (1, 2, 3, 3.5, 4, 4.0.3).
Tried also on a Win7 PC with same result.

Of course having about 250 Hz error on 10 MHz is NOT a big issue for an SWR plot spanning over 30 MHz, but just to understand what it is not correctly working.

Any suggestion ?

i3vbp - stefano

1265. Youth update on USS Batfish, antennas, and more kits

Yahoo group: foxdelta
Date: 2015-12-22 01:24:28 UTC
From: vu2fd@...
Topic: 1265 Message: 1265

This week's W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=faf4ad5189&e=211883279c show (December 22nd) Emmett Hohensee, W0QH http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=e5d2bb6644&e=211883279c, the chief engineer of Radiowavz http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=955dcb4175&e=211883279c, will give us a report on youth activities on the USS Batfish submarine, and will discuss setting up antennas. Joe Eisenberg, K0NEB http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=43b3cf058d&e=211883279c, will be back with us to talk about more kits. After this we will open the show up to phone calls and talk to anyone who would like to call in.

Be sure to send your FCC related questions to Riley Hollingsworth, K4ZDH http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=845daef64c&e=211883279c, to AskRiley@w5kub.com mailto:askriley@w5kub.com?subject=Question%20for%20Riley. Riley retired from the FCC’s Compliance and Information Bureau as Legal Adviser for Enforcement Program. He will be answering your questions every few weeks on our "Ask Riley" segment

Remember our show is also on international shortwave radio station WBCQ http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=347f6e269d&e=211883279c out of Monticello, ME on 5110 Khz, Please send a signal report to tom@w5kub.com mailto:tom@w5kub.com?subject=Shortwave%20Radio%20Report.

Amateur Radio Roundtable is a live weekly amateur radio webcast, held every Tuesday night at 8 PM CT (0200 UTC Wednesday) at W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=e32e9382cc&e=211883279c. The show covers a wide range of topics for ham radio operators and electronic hobbyists; including balloon launches, satellite, go-kits, emergency communications, SDR, digital modes, DXing, home brewing, hamfest updates, and more. We also want to grow our shortwave listener base and will be including programs that intrest those listeners as well. Viewers will have the opportunity to ask questions via the chat room or telephone.

Since we changed our main video service to Youtube Live, we have had almost zero complaints about buffering or freezing. Quality and stability reports have been great. Because of this, we will stop broadcasting on the back up server each night. You will need to watch on the main server. If there are ever any problems where we lose the main video server, we can quickly turn on the back up feed. This will cut down on the double data we have to send out for each show.

We need your help. If you use Twitter, please send out a tweet 15 minutes before the show or retweet our announcement. I suggest something like "live #hamradio show starts in 15 mins on w5kub.com 8 PM CT". This should help increase our viewer base.

Towards the end of each show, we provide a link and viewers who have a camera, microphone, and a Google+ account, can join the show. Your video and audio will be on the webcast. This part of the show is very informal and up to 10 people can join. We talk about anything the viewers want to discuss.

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Forward this message to a Friend http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=f7904a237a&e=211883279c will allow you to share this message with your friends.

If you missed last weeks show, you can watch it here http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=1cd2bb9d44&e=211883279c on our Youtube channel. Our shows are recorded and placed on YouTube's W5KUB channel the following day.

Join us for fun and interesting discussions!

W5KUB Callsign Page http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=f2c8a27aba&e=211883279c

http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=f2c8a27aba&e=211883279c

W5KUB Callsign Page http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=f2c8a27aba&e=211883279c W5KUB personal biography

View on w5kub.us10.list-mana... http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=f2c8a27aba&e=211883279c
Preview by Yahoo

1266. Battery Charger for GCPUx Project

Yahoo group: foxdelta
Date: 2015-12-28 12:48:34 UTC
From: vu2fd@...
Topic: 1266 Message: 1266

MAX712 based Battery charger board for GCPUx Projects using NiMh or NiCad battery pack is ready for PM5, SWM5 and future kits FC5 and AAZ5. Schematic and other details of battery charger board is listed on GCPUx, PM5 and SWM5 webpages.

Battery board kit is now included with PM5 or SWM5 kits as standard.

For more details, please visit:

PM5
http://www.foxdelta.com/products/pm5.htm http://www.foxdelta.com/products/pm5.htm

or
SWM5
http://www.foxdelta.com/products/swm5.htm http://www.foxdelta.com/products/swm5.htm\

73s/Dinesh Gajjar

1267. Preparing for the storm, kits, and homebrew 40 m transceiver

Yahoo group: foxdelta
Date: 2015-12-28 23:47:23 UTC
From: vu2fd@...
Topic: 1267 Message: 1267

On this week's Amateur Radio Roundtable show (December 29th) Emmett Hohensee, W0QH http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=5676362a1c&e=211883279c, the chief engineer of Radiowavz http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=204811316f&e=211883279c, will give will discuss how to prepare for a storm and what to do after severe weather. Joe Eisenberg, K0NEB http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=98694395f0&e=211883279c, will be back with us to show another kit. Tom, W5KUB http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=c3bbdeac5e&e=211883279c, will also show the progress of his homebrew 40 meter transceiver on this show and future shows. This is a very easy homebrew project and should cost less than $40. After these segments, we will open up the show to phone calls and talk to anyone who would like to call in. Lets hear about your ham radio Christmas presents.

Be sure to send your FCC related questions to Riley Hollingsworth, K4ZDH http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=4d0cae3b23&e=211883279c, to AskRiley@w5kub.com mailto:askriley@w5kub.com?subject=Question%20for%20Riley. Riley retired from the FCC’s Compliance and Information Bureau as Legal Adviser for Enforcement Program. He will be answering your questions every few weeks on our "Ask Riley" segment

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Forward this message to a Friend http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=89137dee79&e=211883279c will allow you to share this message with your friends.

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Join us for fun and interesting discussions!

Tom Medlin, W5KUB http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=a909312bb4&e=211883279c

1268. FoxTrack Basic APRS Tracker

Yahoo group: foxdelta
Date: 2015-12-29 06:31:23 UTC
From: Nitin Muttin
Topic: 1268 Message: 1268

Hello,
I am new to this forum and need some help on the Foxtrack basic tracker.
I have wired this basic tracker and using a GPS from Global
Top http://www.gtop-tech.com/en/product/Mouse-DG/Device_MiniDG-PS2.html . the gps has a
PS2 connector providing RS232 output and I have wired a converter for the DB9.
The issue I have been facing is that the packet burst is extremely short and the digipeater
is unable to acquire/ decode the packet.
Any help / pointers will help me to complete this project. 73
Nitin [VU3TYG]

1269. Antenna Analyzer

Yahoo group: foxdelta
Date: 2015-12-29 09:37:25 UTC
From: matthewwtaylor@...
Topic: 1269 Message: 1269

Hi.

I have built the AAZ-0914 Antenna Analyzer and set it all up. However I liked the look of the Short Circuit Adapter for the 0 ohm. Does anyone have the parts and instructions on how this was made. Or is at as simple as Wire from Sleeve to Pin.

1270. RE: [foxdelta] Antenna Analyzer

Yahoo group: foxdelta
Date: 2015-12-29 13:15:33 UTC
From: tom armour
Topic: 1269 Message: 1270

I just took an old BNC cable, cut off the end and shorted pin to sleeve. Works fine for me.

Tom - wa4ta

From: foxdelta@yahoogroups.com
To: foxdelta@yahoogroups.com
Date: Tue, 29 Dec 2015 01:37:25 -0800
Subject: [foxdelta] Antenna Analyzer

Hi.

I have built the AAZ-0914 Antenna Analyzer and set it all up. However I liked the look of the Short Circuit Adapter for the 0 ohm. Does anyone have the parts and instructions on how this was made. Or is at as simple as Wire from Sleeve to Pin.

1271. Re: Antenna Analyzer

Yahoo group: foxdelta
Date: 2015-12-30 03:14:24 UTC
From: wes@...
Topic: 1269 Message: 1271

Yes, it is exactly that simple. For the zero-ohm calibration connector, just short a BNC plug, I generally just use a short piece of hook-up wire on one of the soldered sort.

Another odd item which can be very handy for calibration of the 914 or similar equipment, or even a QRP dummy load is an out-dated part which used to be a network geek's toolbox main-stay:

Just use an old-style co-ax cable BNC Ethernet terminator plug.

Already pre-loaded with a 50-ohm resistor (but only an eighth-watter, usually). Don't hit it with a lot of power....

--
w. will
N9KDY

1272. FC5: 500MHZ Frequency counter+ RF Meter with Graphic LCD

Yahoo group: foxdelta
Date: 2016-01-01 04:40:50 UTC
From: vu2fd@...
Topic: 1272 Message: 1272

Hello

A new project FC5, an update of FC4 and FC3, using Graphic LCD and improved PIC18F4550 CPU is ready and uploaded.

FC5 and Family: GCPUx, PM5, SWM5 has provision for a NiMh or NiCad battery inside the case. Battery board is included with above kit but batteries are not included with kit as postal department do not allow inclusion of a battery in packets for security reasons.

We hope this project will be of interest to many radio amateurs and homebrewers.

73s/Dinesh Gajjar

FC5::Graphic LCD PIC18F4550 500MHZ RF Power meter and Frequency Counter By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD http://www.foxdelta.com/products/fc5.htm

http://www.foxdelta.com/products/fc5.htm

FC5::Graphic LCD PIC18F4550 500MHZ RF ... http://www.foxdelta.com/products/fc5.htm Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta

View on www.foxdelta.com http://www.foxdelta.com/products/fc5.htm
Preview by Yahoo

1273. Re: [foxdelta] FC5: 500MHZ Frequency counter+ RF Meter with Graphic LCD

Yahoo group: foxdelta
Date: 2016-01-01 16:23:57 UTC
From: Neil Foster
Topic: 1272 Message: 1273

Hello Dinesh,
Happy New Year
I noted that the new kit is available assembled for seniors. I am past 81 does that qualify?
Please advise
Many thanks
Neil N4FN

On 12/31/2015 11:40 PM, vu2fd@... [foxdelta] wrote:
>
> Hello
>
>
> A new project FC5, an update of FC4 and FC3, using Graphic LCD and
> improved PIC18F4550 CPU is ready and uploaded.
>
>
> FC5 and Family: GCPUx, PM5, SWM5 has provision for a NiMh or NiCad
> battery inside the case. Battery board is included with above kit but
> batteries are not included with kit as postal department do not allow
> inclusion of a battery in packets for security reasons.
>
>
> We hope this project will be of interest to many radio amateurs and
> homebrewers.
>
>
> 73s/Dinesh Gajjar
>
>

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

1274. Re: [foxdelta] FC5: 500MHZ Frequency counter+ RF Meter with Graphic LCD

Yahoo group: foxdelta
Date: 2016-01-01 05:28:02 UTC
From: George Bean
Topic: 1272 Message: 1274

This is an interesting project and group of projects coming in the future. Unfortunately, I have to echo sentiments that I and others have previously expressed about Fox Delta frequency counters. Relying on a simple mass produced crystal oscillator, not even a TCXO, leaves the accuracy of any frequency measurements suspect. As stated previously, if you are going to rely on such basic frequency/timing sources you need to include provisions for an external frequency reference such as a 10 MHz signal derived from a more precise source.

I and many others in the amateur community appreciate the work you do very much. Hopefully, someday you will offer a frequency counter.that we can rely upon.

73,
George Bean
AI4VJ
----- Original Message -----
From: vu2fd@... [foxdelta]
To: foxdelta@yahoogroups.com
Sent: Thursday, December 31, 2015 11:40 PM
Subject: [foxdelta] FC5: 500MHZ Frequency counter+ RF Meter with Graphic LCD

Hello

A new project FC5, an update of FC4 and FC3, using Graphic LCD and improved PIC18F4550 CPU is ready and uploaded.

FC5 and Family: GCPUx, PM5, SWM5 has provision for a NiMh or NiCad battery inside the case. Battery board is included with above kit but batteries are not included with kit as postal department do not allow inclusion of a battery in packets for security reasons.

We hope this project will be of interest to many radio amateurs and homebrewers.

73s/Dinesh Gajjar

FC5::Graphic LCD PIC18F4550 500MHZ RF Power meter and Frequency Counter By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD

FC5::Graphic LCD PIC18F4550 500MHZ RF ...
Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta
View on www.foxdelta.com Preview by Yahoo

1275. Re: [foxdelta] FC5: 500MHZ Frequency counter+ RF Meter with Graphic LCD

Yahoo group: foxdelta
Date: 2016-01-01 21:51:27 UTC
From: Garry Foster
Topic: 1272 Message: 1275

All you have to do is count what ever your known accurate frequency is and go from there. What do people want for 50 dollars?

On Fri, Jan 1, 2016 at 12:28 AM, 'George Bean' forums@... [foxdelta] <foxdelta@yahoogroups.com> wrote:

>
>
> ☐
> This is an interesting project and group of projects coming in the future.
> Unfortunately, I have to echo sentiments that I and others have previously
> expressed about Fox Delta frequency counters. Relying on a simple mass
> produced crystal oscillator, not even a TCXO, leaves the accuracy of any
> frequency measurements suspect. As stated previously, if you are going to
> rely on such basic frequency/timing sources you need to include provisions
> for an external frequency reference such as a 10 MHz signal derived from a
> more precise source.
>
> I and many others in the amateur community appreciate the work you do very
> much. Hopefully, someday you will offer a frequency counter.that we can
> rely upon.
>
> 73,
> George Bean
> AI4VJ
>
> ----- Original Message -----
> *From:* vu2fd@... [foxdelta]
> *To:* foxdelta@yahoogroups.com
> *Sent:* Thursday, December 31, 2015 11:40 PM
> *Subject:* [foxdelta] FC5: 500MHZ Frequency counter+ RF Meter with
> Graphic LCD
>
> Hello
>
>
> A new project FC5, an update of FC4 and FC3, using Graphic LCD and
> improved PIC18F4550 CPU is ready and uploaded.
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>
> FC5 and Family: GCPUx, PM5, SWM5 has provision for a NiMh or NiCad battery
> inside the case. Battery board is included with above kit but batteries are
> not included with kit as postal department do not allow inclusion of a

> battery in packets for security reasons.
>
>

> We hope this project will be of interest to many radio amateurs and
> homebrewers.
>
>
> 73s/Dinesh Gajjar
>
>
>
>
> FC5::Graphic LCD PIC18F4550 500MHZ RF Power meter and Frequency Counter By
> Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD
> <http://www.foxdelta.com/products/fc5.htm>
> [image: image] <http://www.foxdelta.com/products/fc5.htm>
> FC5::Graphic LCD PIC18F4550 500MHZ RF ...
> <http://www.foxdelta.com/products/fc5.htm>
> Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by
> fox delta
> View on www.foxdelta.com <http://www.foxdelta.com/products/fc5.htm>
> Preview by Yahoo
>
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>
>
>
>

1276. Re: [foxdelta] FC5: 500MHZ Frequency counter+ RF Meter with Graphic LCD

Yahoo group: foxdelta
Date: 2016-01-02 00:12:02 UTC
From: vu2fd@...
Topic: 1272 Message: 1276

GM Neil

Yes, its not based on age only. If you have problem assembling a kit, I will do it for you. Its fun and a respect to our seniors who gave a lot to others.

There will be a small delay of 2 or 3 days as I assemble/solder myself for all senior's orders.

73s/Dinesh Gajjar

1277. Re: [foxdelta] FC5: 500MHZ Frequency counter+ RF Meter with Graphic LCD

Yahoo group: foxdelta
Date: 2016-01-02 00:05:10 UTC
From: vu2fd@...
Topic: 1272 Message: 1277

GM George

Thank you. You have a right point. However, I think differently!

Our objective at foxdelta was to make

1. kits that people can build. That is: Minimum SMT Parts
2. Not to worry so much about accuracy but pay efforts to make most economical project.
3. Make project and put on web with enough details so that homebrewers can build on their own without buying kits.
4. Selling kit is not an objective but unless we have few users, we do not know how good project is made.
5. Enough details and schematic is provided so that mod can be performed by experienced builder to make a kit a better one.

I made FC3 with TCXO Option (SMT PART From Fox) but out of 50 kits sold, only two buyer had interest in TCXO. So, I dropped that idea thinking that most people are looking for a simple kit /unit to keep in their ham shack and are not very critical of accuracy (compared to commercial units).

Finally, it comes to a point that: crystal oscillator based projects are good enough for most.

We have made many advanced projects like: Antenna analyzer Pro, Antenna analyzer using Si570 (to 160MHZ) and many more but neither made kits nor uploaded as a project because it wont be possible for hombrewers to build such projects unless use of SMT and related soldering skills are addressed.

In a particular point of interest: For example, one can simply remove 20MHZ Osc (GCPUx) and route a cable to feed an accurate freq reference of 20MHZ.

73s/Dinesh Gajjar

---In foxdelta@yahoogroups.com, <forums@puwaba.com> wrote :

☐ This is an interesting project and group of projects coming in the future. Unfortunately, I have to echo sentiments that I and others have previously expressed about Fox Delta frequency counters. Relying on a simple mass produced crystal oscillator, not even a TCXO, leaves the accuracy of any frequency measurements suspect. As stated previously, if you are going to rely on such basic frequency/timing sources you need to include provisions for an external frequency reference such as a 10 MHz signal derived from a more precise source.

I and many others in the amateur community appreciate the work you do very much. Hopefully, someday you will offer a frequency counter.that we can rely upon.

73,
George Bean

AI4VJ
----- Original Message -----
From: vu2fd@yahoo.com [foxdelta] mailto:vu2fd@yahoo.com [foxdelta]
To: foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com
Sent: Thursday, December 31, 2015 11:40 PM
Subject: [foxdelta] FC5: 500MHZ Frequency counter+ RF Meter with Graphic LCD

Hello

A new project FC5, an update of FC4 and FC3, using Graphic LCD and improved PIC18F4550 CPU is ready and uploaded.

FC5 and Family: GCPUx, PM5, SWM5 has provision for a NiMh or NiCad battery inside the case. Battery board is included with above kit but batteries are not included with kit as postal department do not allow inclusion of a battery in packets for security reasons.

We hope this project will be of interest to many radio amateurs and homebrewers.

73s/Dinesh Gajjar

FC5::Graphic LCD PIC18F4550 500MHZ RF Power meter and Frequency Counter By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD

http://www.foxdelta.com/products/fc5.htm

FC5::Graphic LCD PIC18F4550 500MHZ RF ... Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta

View on www.foxdelta.com
Preview by Yahoo

1278. Basic quistion about FC3-0915

Yahoo group: foxdelta
Date: 2016-01-07 18:46:49 UTC
From: timothyhickman@...
Topic: 1278 Message: 1278

I just built the FC3-0915 another wonderful kit.

I have questions about the operation on a Frequency counter and RF meter.
What level of input can the FC3-0915 take.
Can it take 100 watts, 5 watts ,or need a lower level through some level of sampling?
Tim
N3JON

1279. Re: [foxdelta] Basic quistion about FC3-0915

Yahoo group: foxdelta
Date: 2016-01-07 19:26:49 UTC
From: DuWayne Schmidlkofer
Topic: 1278 Message: 1279

Looking at the schematic, signal is through a power splitter to 50 ohm load made up of two 1/4 watt resistors then to an AD8307 log amp/detector. Maximum reading on the 8307 is + 17 dBm. (50mw). I would expect that you would not want to feed with more than about +10dBm (10 mw). For checking transmitter output you would freed the transmitter to a dummy load through a 40db tap. This will sample the output and give a signal to the counter/pwr meter that is -40 db from the transmitter signal. Then adding 40 dbM to the reading on the counter/pwr meter you get the power out of the transmitter in dBm. With a +10dBm reading plus the 40 db from the tap you can read up to 100 watts. You can find a conversion chart for dBm to watt at
www.minicircuits.com/pages/pdfs/dg03-110.pdf
DuWayne
kv4qb.blogspot.com

maximum

On 1/7/2016 1:46 PM, timothyhickman@... [foxdelta] wrote:
>
> I just built the *FC3-0915 another wonderful kit.
>
> *
>
> I have questions about the operation on a Frequency counter and RF meter.
>
> What level of input can the *FC3-0915 take.*
>
> *Can it take 100 watts, 5 watts ,or need a lower level through some
> level of sampling?*
>
> *Tim*
>
> *N3JON*
>
>

1280. Re: [foxdelta] Basic quistion about FC3-0915

Yahoo group: foxdelta
Date: 2016-01-08 00:42:00 UTC
From: vu2fd@...
Topic: 1278 Message: 1280

GM OM

Yes that is correct. I suggest not to exceed +10dbm input.

FC3/FC4/FC5 are frequency counter +RF Meter. For low level signal measurements.

Remember that in an attempt to measure higher power, if you add an attenuator, it will also attenuate signal going to Frequency counter section. Then you will be able to ready larger power but freq counter will not get enough signal to count.

You may do some mod : Separate common signal going to freq counter (refer to input schematic) and RF measurement and then supply two signals of different level.

Instead, if you need to measure TX power, SWM3/5 are designed for that purpose using a bridge.

73s/Dinesh Gajjar

1281. Please post to the group when the 914a's are again available?

Yahoo group: foxdelta
Date: 2016-01-08 02:41:34 UTC
From: Wes Will
Topic: 1272 Message: 1281

I don't check web sites regularly for such things, but I do see email fairly often.

I need to order a 914 and the bluetooth module to go with it. I must get a replacement antenna up and working, and the current candidate is a 6-band off-center-fed, center-loaded dipole. Tuning that rascal the old way will take days if not weeks....

What price the 914 kit and the bt module pre-soldered and known to be working, please? My arthritis is giving me the absolute gyp and no mistake, which makes kit building more and more problematical. (The first 914 I received has yet to even blink a light, and my construction is the obvious problem. No more surface-mount for me, not even under a 'scope. Discrete components are becoming almost as difficult....)

Getting old is not any fun, is not for the faint of heart, and there are just flat-out too many accessories. (Cane, glasses, teeth, hearing aid, pacemaker, ... I could go on and on, the available add-ons for us aulde phartes is getting longer by the day.)

--
Wes Will
N9KDY
wwill@...

1282. Re: Please post to the group when the 914a's are again available?

Yahoo group: foxdelta
Date: 2016-01-08 04:48:47 UTC
From: vu2fd@...
Topic: 1272 Message: 1282

Hello Om

Thanks.

AAZ kits are in stock but dispatch is delayed due to short of DDS chips.
I expect to get them by 15th and I will drop a message here when ready for dispatch.

No problem with assembled.
AAZ or any other kit, are available as assembled for senior radio amateurs.
So, you may buy a kit and drop me a message to supply it assembled.

73s/Dinesh Gajjar

1283. Re: Basic quistion about FC3-0915

Yahoo group: foxdelta
Date: 2016-01-10 14:11:48 UTC
From: timothyhickman@...
Topic: 1278 Message: 1283

Hi Dinesh,
Actually I was trying to find an easy way to see if the FC3-0915 was working properly after construction.
I did take a short piece of wire from the input and looped it around the rubber ducky on my 2 meter handy-talky and while it bounced around a bit I did get a frequency readout which was a fraction lower them the transmitter's display.
Which I hoped would not overload it.
Thus the problem of building a measurement took with nothing handy to measure. Hi Hi.
Perhaps a quick check out procedure would be helpful to builders.
Thanks for another great kit.
Tim

1284. Live Webcast Friday - Capital City Hamfest

Yahoo group: foxdelta
Date: 2016-01-29 01:00:48 UTC
From: vu2fd@...
Topic: 1284 Message: 1284

Special Live Event
Watch our live webcast webcast of the Capital City Hamfest http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=5c036c252f&e=211883279c, in Jackson, Mississippi, this weekend! We will stream Saturday, Jan 30, starting at approximately 8:30 AM CT (1430 UTC Tues). Our viewers can watch the activities & attendees; and visit with other ham friends from around the world in the chat room. Several prizes will be awarded to online viewers who are logged into the chat room.

We will also try to stream the 200 mile drive from Memphis, Tennessee to Jackson, Mississippi on Friday afternoon, Jan 29th. So be sure to tune in for the fun on W5KUB.COM and tell your friends.

Our guest speaker on Tuesday, February 2, will be Gerald Youngblood, K5SDR, founder of FlexRadio http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=31bacfa714&e=211883279c. It's going to be a great discussion - live chat will be available and the telephone lines will be open for your phone calls. Our show is also simulcast on international shortwave radio station WBCQ http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=cf7d349a6b&e=211883279c out of Monticello, Maine on 5110 KHz. Please send a signal report to tom@w5kub.com mailto:tom@w5kub.com?subject=Shortwave%20Radio%20Report.

In addition to this special live hamfest event, Amateur Radio Roundtable is a live weekly amateur radio webcast, every Tuesday night at 8 PM CT (0200 UTC Wednesday) at W5KUB.com http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=be38c67cc0&e=211883279c. The show covers a wide range of topics for ham radio operators and electronic hobbyists; including balloon launches, satellite, go-kits, emergency communications, SDR, digital modes, DXing, home brewing, hamfest updates, and more. We also want to grow our shortwave listener base and will be including programs that interest those listeners as well. Viewers will have the opportunity to ask questions via the chat room or telephone.

If you have a specific subject idea for a future show, send an email to tom@w5kub.com mailto:tom@w5kub.com?subject=Idea%20for%20future%20show.

Forward this message to a Friend http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=6cf0368079&e=211883279c will allow you to share this message with your friends.

If you missed last weeks show, you can click HERE http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=f35569e804&e=211883279c to watch it on W5KUB's YouTube channel.

Join us for fun and interesting discussions!

Tom Medlin, W5KUB http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=27a71738ed&e=211883279c

1285. TK-7302 with Mini TNC

Yahoo group: foxdelta
Date: 2016-02-04 06:29:45 UTC
From: rbaker@...
Topic: 1285 Message: 1285

Hi All.

Maybe some one has done this but, Im trying to set up a TK-7302 as a mini TNC digi-peater, but thought I had every thing done correct.

Here is what I have done.

Using the DC to power the TNC. 13v
Using Pin 4 Audio out to go to the TNC.(500mVp-p)
Pin 5 Audio in to the TNC (5Kohms)
Programmed Pin 6 (FNC1) for PTT input
Pin 15 Gnd

But when I connect it all together, it appears to be receiving something from the radio with no input signal. My question is is Pin 4 squelched, or open all the time.Or is there something I may need to do to the Mini Tnc.

Or I have done it all wrong, and is there a better way.

Cheers

Thanks in advance.

Robert

1286. Problems with Bluetooth board BT2

Yahoo group: foxdelta
Date: 2016-02-07 00:42:59 UTC
From: rchrdm4@...
Topic: 1286 Message: 1286

When I first assembled the BT2 board for the AAZ-0914A antenna analyzer, I inserted it the wrong way up in the 16 pin socket on the antenna analyzer board. I changed this, of course, but the board did not seem to work (though the LED lit up).

I bought and assembled another BT2 board. For this one, the Android tablet will connect to the Bluetooth device (HC-05) but the antenna analyzer app cannot connect to the main board. I also get no "loop back" behavior on a Bluetooth terminal, as described in the manual.

Can anyone help me troubleshoot this? The AAZ-0914A works fine as a USB device.

Could I have damaged the large PIC microprocessor on the main board when I put the BT2 in the wrong way up?

Richard
AE6XO

1287. Ordered another 914A, the one I have is never going to work.

Yahoo group: foxdelta
Date: 2016-02-09 01:46:37 UTC
From: wwill@...
Topic: 1287 Message: 1287

Paid the shot for 'assembled' this time, so my ham-handed, aulde pharte soldering won't be the cause of it not working this time. I --NEED-- an analyzer, I've got a tube-transistor hybrid Kenwood (TS-520SE) and I need to get some antennae up. The 'by guess and by golly' tuning method for an OCF dipole leaves a bit to be desired, though I've done it several times in the past.

I got the bluetooth module to go with it, but I've got a bit of a problem with sourcing an HC05 module to go in it. The problem is between me and E-Pay. Those goniffs have made a hash of my account and several years of trying to get it straightened out haven't succeeded. (It has to do with the blasted telephone number, their "security" systems, and the fact that I changed from a land-line telephone to a cell phone BEFORE I went to their web site to change the allowed numbers..... That and I don't currently speak either Urdu or Hindi, and that's where all telephone numbers have wound up.)

Is there another, NON-E-BAY source where I can get a compatible HC05 module?

--
de N9KDY

1288. Re: [foxdelta] Ordered another 914A, the one I have is never going to work.

Yahoo group: foxdelta
Date: 2016-02-09 15:05:11 UTC
From: Garry Foster
Topic: 1287 Message: 1288

Are you talking about
PayPal?

Sent from Garry's iPhone

> On Feb 8, 2016, at 8:46 PM, wwill@... [foxdelta] <foxdelta@yahoogroups.com> wrote:
>
> Paid the shot for 'assembled' this time, so my ham-handed, aulde pharte soldering won't be the cause of it not working this time. I --NEED-- an analyzer, I've got a tube-transistor hybrid Kenwood (TS-520SE) and I need to get some antennae up. The 'by guess and by golly' tuning method for an OCF dipole leaves a bit to be desired, though I've done it several times in the past.
>
> I got the bluetooth module to go with it, but I've got a bit of a problem with sourcing an HC05 module to go in it. The problem is between me and E-Pay. Those goniffs have made a hash of my account and several years of trying to get it straightened out haven't succeeded. (It has to do with the blasted telephone number, their "security" systems, and the fact that I changed from a land-line telephone to a cell phone BEFORE I went to their web site to change the allowed numbers..... That and I don't currently speak either Urdu or Hindi, and that's where all telephone numbers have wound up.)
>
> Is there another, NON-E-BAY source where I can get a compatible HC05 module?
>
> --
> de N9KDY
>
>

1289. Re: [foxdelta] Ordered another 914A, the one I have is never going to work.

Yahoo group: foxdelta
Date: 2016-02-09 15:06:15 UTC
From: Garry Foster
Topic: 1287 Message: 1289

Amazon has several search for blue tooth module rather than HC05

Sent from Garry's iPhone

> On Feb 8, 2016, at 8:46 PM, wwill@... [foxdelta] <foxdelta@yahoogroups.com> wrote:
>
> Paid the shot for 'assembled' this time, so my ham-handed, aulde pharte soldering won't be the cause of it not working this time. I --NEED-- an analyzer, I've got a tube-transistor hybrid Kenwood (TS-520SE) and I need to get some antennae up. The 'by guess and by golly' tuning method for an OCF dipole leaves a bit to be desired, though I've done it several times in the past.
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> I got the bluetooth module to go with it, but I've got a bit of a problem with sourcing an HC05 module to go in it. The problem is between me and E-Pay. Those goniffs have made a hash of my account and several years of trying to get it straightened out haven't succeeded. (It has to do with the blasted telephone number, their "security" systems, and the fact that I changed from a land-line telephone to a cell phone BEFORE I went to their web site to change the allowed numbers..... That and I don't currently speak either Urdu or Hindi, and that's where all telephone numbers have wound up.)
>
> Is there another, NON-E-BAY source where I can get a compatible HC05 module?
>
> --
> de N9KDY
>
>

1290. Re: [foxdelta] Ordered another 914A, the one I have is never going to work.

Yahoo group: foxdelta
Date: 2016-02-09 15:07:36 UTC
From: Garry Foster
Topic: 1287 Message: 1290

Also PayPal and ebay are now separate company's

Sent from Garry's iPhone

> On Feb 8, 2016, at 8:46 PM, wwill@... [foxdelta] <foxdelta@yahoogroups.com> wrote:
>
> Paid the shot for 'assembled' this time, so my ham-handed, aulde pharte soldering won't be the cause of it not working this time. I --NEED-- an analyzer, I've got a tube-transistor hybrid Kenwood (TS-520SE) and I need to get some antennae up. The 'by guess and by golly' tuning method for an OCF dipole leaves a bit to be desired, though I've done it several times in the past.
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> I got the bluetooth module to go with it, but I've got a bit of a problem with sourcing an HC05 module to go in it. The problem is between me and E-Pay. Those goniffs have made a hash of my account and several years of trying to get it straightened out haven't succeeded. (It has to do with the blasted telephone number, their "security" systems, and the fact that I changed from a land-line telephone to a cell phone BEFORE I went to their web site to change the allowed numbers..... That and I don't currently speak either Urdu or Hindi, and that's where all telephone numbers have wound up.)
>
> Is there another, NON-E-BAY source where I can get a compatible HC05 module?
>
> --
> de N9KDY
>
>

1291. Re: [foxdelta] Ordered another 914A, the one I have is never going to work.

Yahoo group: foxdelta
Date: 2016-02-09 17:15:52 UTC
From: Wes Will
Topic: 1287 Message: 1291

On Tuesday, February 09, 2016 10:06:15 you wrote:
> Amazon has several search for blue tooth module rather than HC05

First, no, not PayPal. THEY changed the phone number when I validated my identity on the phone. (I could also understand the agent with whom I spoke...)

The e-Bay people wouldn't accept ANY form of identification or verification, and insisted they had to send an SMS code to the phone number listed in the account. A copper LAND-LINE telephone, which cannot even receive such a message in the first place. I've considered just giving up and making a new account but the original one had been in place for quite some time and I just didn't feel like messing with trying to get back all of the 'reputation' points or whatever they are called.

Besides, other than this BlueTooth part, I've not really missed it much. It could have been a convenience a few times, but I've otherwise managed fairly well without.

Amazon isn't one of my favourite places for shopping, either. (Some of their policies are frankly anti-competitive, unfairly so in my opinion and particularly to small businesses. But then I'm well-known to be a weirdo.)

Are there any other places which have this thing? Or can I just get the parts, schematic, and etch a board? (I'm really not that bad a hand at soldering, just getting too old and too hard-of-seeing to want to do it frequently.)

--
de N9KDY

1292. Re: [foxdelta] Ordered another 914A, the one I have is never going to work.

Yahoo group: foxdelta
Date: 2016-02-09 17:39:23 UTC
From: Garry Foster
Topic: 1287 Message: 1292

If you refuse to use the two most available source I am not sure I can be of much help. I am not a Fan of Amazon myself, in fact today I just canceled an order because they chose to wait an extra day to ship so I don't get it earlier than the two day promise. However it is for an item I can get locally for the same price. Amazon has mover into our state and I have to pay tax.(Only fair) and I used to often get items in one day. However they chose to sit on items anymore rather than ship when ordered. This can only be to insure that they don't get here in one day.

However they aren't going to make any money on your 10 dollar order so no reason to hurt your self by chasing your tail for a 10 dollar item. And be careful about about badmouthing India as that is where most of the foxDelta items come from. And I for one are thankful for their offerings..

Garry
W8GMF
PS I would be lost without Ebay even if it isn't as valuable as it once was.

On Tue, Feb 9, 2016 at 12:15 PM, Wes Will wwill@... [foxdelta] <
foxdelta@yahoogroups.com> wrote:

>
>
> On Tuesday, February 09, 2016 10:06:15 you wrote:
> > Amazon has several search for blue tooth module rather than HC05
>
> First, no, not PayPal. THEY changed the phone number when I validated my
> identity on the phone. (I could also understand the agent with whom I
> spoke...)

>
> The e-Bay people wouldn't accept ANY form of identification or
> verification, and
> insisted they had to send an SMS code to the phone number listed in the
> account. A copper LAND-LINE telephone, which cannot even receive such a
> message in the first place. I've considered just giving up and making a
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> account but the original one had been in place for quite some time and I
> just
> didn't feel like messing with trying to get back all of the 'reputation'
> points or whatever they are called.
>
> Besides, other than this BlueTooth part, I've not really missed it much.
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> could have been a convenience a few times, but I've otherwise managed

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> well without.
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> Amazon isn't one of my favourite places for shopping, either. (Some of
> their
> policies are frankly anti-competitive, unfairly so in my opinion and
> particularly to small businesses. But then I'm well-known to be a weirdo.)
>
> Are there any other places which have this thing? Or can I just get the
> parts, schematic, and etch a board? (I'm really not that bad a hand at
> soldering, just getting too old and too hard-of-seeing to want to do it
> frequently.)
>
> --
> de N9KDY
>
>
>

1293. SWRA bluetooth issue

Yahoo group: foxdelta
Date: 2016-02-09 22:05:30 UTC
From: bellrossjr@...
Topic: 1293 Message: 1293

Hi All:
I cannot get my android tablet running lolipop 5.1 to connect my AA9012 with using bluetooth with the SWRA V6.02. Is compatibilty a problem with the lastest version of android. Works okay on my phone with android 4.4.2. Any help will be appreciated.
Thanks 73 Ross K7RSB

1294. Re: SWRA bluetooth issue

Yahoo group: foxdelta
Date: 2016-02-10 04:29:24 UTC
From: rchrdm4@...
Topic: 1293 Message: 1294

I am having trouble getting the BT2 board to work with an ASUS Android tablet. I am on my second BT2 board now, since I may have assembled the first one incorrectly.

I posted a question about this several days ago but did not get any replies. Tony, one of the hams that is on the Fox Delta web site, has been helping via email, but so far it looks like the HC-05s that I bought may be faulty. I ordered them from the eBay seller that is linked on the Fox Delta web site.

My HC-05 will connect to the Android tablet (sometimes), but I get errors and no loop back when using a Bluetooth terminal. The SWRA app cannot connect to the SWRA board. The HC-05 does not even show up on an iPhone, iPad, or PC laptop.

I have ordered a couple of more similar HC-05s from China, but I am afraid they may all be made in the same plant. I may order another one with a different configuration of connectors just to try something different.

Richard

1295. Foxviewer 3 Setup

Yahoo group: foxdelta
Date: 2016-02-10 06:06:03 UTC
From: rbaker@...
Topic: 1295 Message: 1295

Hi all. has anyone got a instruction on setting up the FV3, have set all the details as location, callsign and wides details, but the LCD still just sit wit "MY Pos" screen nothing from other APRS input signal.

Cheers

Robert

1296. Re: [foxdelta] SWRA bluetooth issue

Yahoo group: foxdelta
Date: 2016-02-10 03:31:15 UTC
From: Wes Will
Topic: 1293 Message: 1296

On Tuesday, February 09, 2016 14:05:30 you wrote:
> Hi All:
> I cannot get my android tablet running lolipop 5.1 to connect my AA9012 with
> using bluetooth with the SWRA V6.02. Is compatibilty a problem with the
> lastest version of android. Works okay on my phone with android 4.4.2. Any
> help will be appreciated.
Thanks 73 Ross K7RSB

I had a similar problem with some other sorts of apps after the last upgrade on my Android phone and my wife's Galaxy Tab. The real problem was that some imbecile in the Android system development department decided that SD cards weren't cool any more and the new build/update mounted them "READ ONLY" from then on. Nothing which used the SD card instead of the on-mother-board RAM would work. All cache and write functions failed. Crash. Apps stopped working. System storage filled up, system crashed....

Yeah, I rooted the blankety-blank-blank things and re-mounted the external SD cards read-write again, at which point everything started working again. Rooting was a stone-cold,cast-iron, whirling bugger, since they seem to also have locked up the boot loader and other system partitions at the same time they dinked up the SD cards. I had to get help.

--
N9KDY

1297. Re: [foxdelta] Ordered another 914A, the one I have is never going to work.

Yahoo group: foxdelta
Date: 2016-02-09 22:49:49 UTC
From: Wes Will
Topic: 1287 Message: 1297

> And be
> careful about about badmouthing India as that is where most of the foxDelta
> items come from. And I for one are thankful for their offerings..

I am more than simply thankful. I'm a returning customer. Thanks that folds and spends, AKA "repeat business," is the most sincere form of thanks (and flattery) known to human-kind.

I'm actually quite a fan of the entire sub-continent. The bad-mouthing is for the companies which insist on CHEAP instead of GOOD. That PayPal call center was based in Hyderabad, I think, as best as I can tell. And they were not only intelligible, but also intelligent.

One of the reasons I'm such a booster for India is that the average person there is at least bi-lingual; often more than that if you include dialects. That puts them 'WAY ahead of our average, "I only speaks MURRIKEN!" U.S.-ian. I made my daily bread for some years as a (military) linguist / cryptologist. I know how difficult it is to add an ancillary language. And how valuable it is.

Also, unless things have changed since the last time I was lucky enough to go there (1984, Delhi, Mumbai, plus some odd places in between, thank you Uncle Sam for the trip) they are quite pleasant people to deal with in the main. And I think I gained five kilos in as many days, eating my way across the landscape. Curried goat. Fresh, hot, naan straight out of the tandoori.... Raita. Saag. Seventy-jillion kinds of dal. Fish. Yow.

Companies which source their call centers there and who do NOT insist upon top-quality people to staff them (taking anyone who can manage to get three out of five right when repeatedly asked, "What is your name?") are the problem. Not the country, nor the vast majority of the people.

And if anyone has a good method for learning Sanskrit ("Arabic on a clothesline") other than brute memorization, I'd be pleased to hear it. If I could get a handle on the written form I'd go back to studying Urdu and/or Hindi. I've already got Russian, German, some French, and a bit of Japanese, plus smatterings of a few more, under my belt. (I got English for free, as well, growing up in the U.S. Just can't seem to grasp Sanskrit, or Arabic either for that matter, for some reason.)

--
N9KDY

1298. Re: [foxdelta] Ordered another 914A, the one I have is never going to work.

Yahoo group: foxdelta
Date: 2016-02-10 15:18:22 UTC
From: Garry Foster
Topic: 1287 Message: 1298

Wes
For info both Ada Fruit and Sparkfun have blue tooth modules similar to the HC05.. I suspect they would work or couuld be made to work..

On Tue, Feb 9, 2016 at 5:49 PM, Wes Will wwill@... [foxdelta] <foxdelta@yahoogroups.com> wrote:

>
>
> > And be
> > careful about about badmouthing India as that is where most of the
> foxDelta
> > items come from. And I for one are thankful for their offerings..
>
> I am more than simply thankful. I'm a returning customer. Thanks that
> folds
> and spends, AKA "repeat business," is the most sincere form of thanks (and
> flattery) known to human-kind.
>
> I'm actually quite a fan of the entire sub-continent. The bad-mouthing is
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> the companies which insist on CHEAP instead of GOOD. That PayPal call
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> was based in Hyderabad, I think, as best as I can tell. And they were not
> only intelligible, but also intelligent.
>
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> there is at least bi-lingual; often more than that if you include
> dialects.
> That puts them 'WAY ahead of our average, "I only speaks MURRIKEN!"
> U.S.-ian.
> I made my daily bread for some years as a (military) linguist /
> cryptologist.
> I know how difficult it is to add an ancillary language. And how valuable
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> is.
>
> Also, unless things have changed since the last time I was lucky enough to
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> there (1984, Delhi, Mumbai, plus some odd places in between, thank you
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> Sam for the trip) they are quite pleasant people to deal with in the main.
> And I think I gained five kilos in as many days, eating my way across the
> landscape. Curried goat. Fresh, hot, naan straight out of the tandoori....

> Raita. Saag. Seventy-jillion kinds of dal. Fish. Yow.
>
> Companies which source their call centers there and who do NOT insist upon
> top-quality people to staff them (taking anyone who can manage to get
> three out
> of five right when repeatedly asked, "What is your name?") are the
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> Not the country, nor the vast majority of the people.
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> And if anyone has a good method for learning Sanskrit ("Arabic on a
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> could get a handle on the written form I'd go back to studying Urdu and/or
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> Japanese,
> plus smatterings of a few more, under my belt. (I got English for free, as
> well, growing up in the U.S. Just can't seem to grasp Sanskrit, or Arabic
> either for that matter, for some reason.)
>
> --
> N9KDY
>
>
>

1299. Re: [foxdelta] Ordered another 914A, the one I have is never going to work.

Yahoo group: foxdelta
Date: 2016-02-10 15:23:59 UTC
From: Garry Foster
Topic: 1287 Message: 1299

And the HC05 comes with the BT2 part of the 0914A, or are you needing an extra one..

On Tue, Feb 9, 2016 at 5:49 PM, Wes Will wwill@... [foxdelta] <foxdelta@yahoogroups.com> wrote:

>
>
> > And be
> > careful about about badmouthing India as that is where most of the
> foxDelta
> > items come from. And I for one are thankful for their offerings..
>
> I am more than simply thankful. I'm a returning customer. Thanks that
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> and spends, AKA "repeat business," is the most sincere form of thanks (and
> flattery) known to human-kind.
>
> I'm actually quite a fan of the entire sub-continent. The bad-mouthing is
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> the companies which insist on CHEAP instead of GOOD. That PayPal call
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> was based in Hyderabad, I think, as best as I can tell. And they were not
> only intelligible, but also intelligent.
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> One of the reasons I'm such a booster for India is that the average person
> there is at least bi-lingual; often more than that if you include
> dialects.
> That puts them 'WAY ahead of our average, "I only speaks MURRIKEN!"
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> I made my daily bread for some years as a (military) linguist /
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> I know how difficult it is to add an ancillary language. And how valuable
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> is.
>
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> go
> there (1984, Delhi, Mumbai, plus some odd places in between, thank you
> Uncle
> Sam for the trip) they are quite pleasant people to deal with in the main.
> And I think I gained five kilos in as many days, eating my way across the
> landscape. Curried goat. Fresh, hot, naan straight out of the tandoori....
> Raita. Saag. Seventy-jillion kinds of dal. Fish. Yow.

>
> Companies which source their call centers there and who do NOT insist upon
> top-quality people to staff them (taking anyone who can manage to get
> three out
> of five right when repeatedly asked, "What is your name?") are the
> problem.
> Not the country, nor the vast majority of the people.
>
> And if anyone has a good method for learning Sanskrit ("Arabic on a
> clothesline") other than brute memorization, I'd be pleased to hear it. If
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> could get a handle on the written form I'd go back to studying Urdu and/or
> Hindi. I've already got Russian, German, some French, and a bit of
> Japanese,
> plus smatterings of a few more, under my belt. (I got English for free, as
> well, growing up in the U.S. Just can't seem to grasp Sanskrit, or Arabic
> either for that matter, for some reason.)
>
> --
> N9KDY
>
>
>

1300. Re: Ordered another 914A, the one I have is never going to work.

Yahoo group: foxdelta
Date: 2016-02-11 10:55:42 UTC
From: Mary B
Topic: 1287 Message: 1300

You don't need a PayPal account go use it. Might need a change on the fox delta end but you can pay via credit card with no account.

1301. Antenna Analyser AAZ-0914A software

Yahoo group: foxdelta
Date: 2016-02-12 22:06:45 UTC
From: jgeissin@...
Topic: 1301 Message: 1301

No Macintosh software?

Using VBox and Windows XP, it does not see the device.

Thanks!

Jon
KC3APA

1302. Re: Antenna Analyser AAZ-0914A software

Yahoo group: foxdelta
Date: 2016-02-13 09:02:39 UTC
From: vu2fd@...
Topic: 1301 Message: 1302

Hello For XP (and all other win OS), must have latest dotnet update from microsoft.
73s/Dinesh Gajjar

1303. AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-14 20:28:28 UTC
From: jgeissin@...
Topic: 1303 Message: 1303

Received the kit; inspected and inventoried, Nothing of note. Not my first kit; in fact I have designed (including the PCB and had it manufactured) other circuits.
Navy trained on PACE for soldering; I'd say my soldering is fair to good.
Assembled kit, did power up tests before installing chips (PIC and oscillator). All points looked good. NO LED though!
Installed the chips and plugged into a USB hub. Attached BNC to a 100Mhz scope; output is about 10 Mhz, but dirty. OK. No LED!!
Went back through checking all voltages per instructions; all good. Attached to several PCs. Shows as a HID device in Windows (Windows 7 Pro, SP1). Shows same on Windows XP machine. Checked continuity of all the ferrite devices, all good.
I'm going to remove the chips and go through every solder point this afternoon and try again.
I hope I can resolve this; I need these device working (for a multitude of reasons). When working, I hope to get the Bluetooth and Android part working.
Jon
KC3APA

1304. Re: [foxdelta] AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-15 02:58:55 UTC
From: Jan Servaites
Topic: 1303 Message: 1304

If the LED is not lighted, the PIC isn't working. Check the osc xtal
with a scope. I had some of those go bad.
If you have a CPU clock, and no LED, could be a bad PIC. I had a bad PIC
too. Purchased a PIC programmer (CANAKIT.COM awesome programmer for the
money), purchased some new xtals and PICs; Programmed a new PIC and it's
been working fine for years now.
I have two analyzers now; I use them ALL the time.
Jan N8CBX

On 2/14/2016 3:28 PM, jgeissin@... [foxdelta] wrote:
>
> Received the kit; inspected and inventoried, Nothing of note. Not my
> first kit; in fact I have designed (including the PCB and had it
> manufactured) other circuits.
>
> Navy trained on PACE for soldering; I'd say my soldering is fair to good.
>
> Assembled kit, did power up tests before installing chips (PIC and
> oscillator). All points looked good. NO LED though!
>
> Installed the chips and plugged into a USB hub. Attached BNC to a
> 100Mhz scope; output is about 10 Mhz, but dirty. OK. No LED!!
>
> Went back through checking all voltages per instructions; all good.
> Attached to several PCs. Shows as a HID device in Windows (Windows 7
> Pro, SP1). Shows same on Windows XP machine. Checked continuity of
> all the ferrite devices, all good.
>
> I'm going to remove the chips and go through every solder point this
> afternoon and try again.
>
> I hope I can resolve this; I need these device working (for a
> multitude of reasons). When working, I hope to get the Bluetooth and
> Android part working.
>
> Jon
>
> KC3APA
>
>
>

1305. Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-15 03:07:18 UTC
From: firemedted@...
Topic: 1303 Message: 1305

I ordered one a while back. It never worked. I eventually took up space in the local land fill where I belonged in the first place. $58.00 lesson to not by crap again. No luck on my money back. But karma has its way. Ted Ackerson KK6DWH

1306. Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-15 10:14:21 UTC
From: vu2fd@...
Topic: 1303 Message: 1306

Hello

If its recognized as HID but you do not have software connected, please update dotnet for your OS from microsoft.

73s/Dinesh Gajjar

1307. Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-15 10:11:01 UTC
From: vu2fd@...
Topic: 1303 Message: 1307

Hello I never heard from you about any problem. Never got any mail from you. I answer each mail sent to me regarding kit assembly problem. If you post mail on group, group is not for support of hardware. Contact me at esales@foxdelta.com.

Regards/Dinesh Gajjar

1308. Re: [foxdelta] Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-15 13:28:30 UTC
From: Jan Servaites
Topic: 1303 Message: 1308

Ted,
Well as a ham operator, I think you should have learned HOW TO FIX it.
That's is what we do.
Jan N8CBX

On 2/14/2016 10:07 PM, firemedted@... [foxdelta] wrote:
>
> I ordered one a while back. It never worked. I eventually took up
> space in the local land fill where I belonged in the first place.
> $58.00 lesson to not by crap again. No luck on my money back. But
> karma has its way. Ted Ackerson KK6DWH
>
>

1309. Re: [foxdelta] Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-15 16:14:25 UTC
From: Randy Elliott
Topic: 1303 Message: 1309

For what it's worth;
Jan is somewhat correct, you should have learned how to get it fixed. I sense from your comments Ted, a degree of frustration. But to jump in and say the unit is crap is unfair. If the unit was not working, or working correctly after you built it, you have come to this group and searched out the trouble shooting checks. If you do not have an electronic background, you should have searched out local clubs and find hams that are knowledgable in electronics, (there are still lots of us around) to help.

Frustration can be a very destructive emotion. It can destroy a persons interest in any hobby.
The next time you attempt a building project, be it a kit, like this one, or something home brew, if you get stuck, take a step back, deep breath, and ask for help. That's how you learn. Hell, I still ask for help and I'm been doing this since I was a kid when we were still using tubes. We are all learning, everyday of our lives.

Randy VE3JPU
Technical Director
South Pickering Amateur Radio Club
VE3JPU@...

> On Feb 15, 2016, at 8:28 AM, Jan Servaites jservaites@... [foxdelta] <foxdelta@yahoogroups.com> wrote:
>
> Ted,
> Well as a ham operator, I think you should have learned HOW TO FIX it. That's is what we do.
> Jan N8CBX
>
>> On 2/14/2016 10:07 PM, firemedted@... [foxdelta] wrote:
>>
>> I ordered one a while back. It never worked. I eventually took up space in the local land fill where I belonged in the first place. $58.00 lesson to not by crap again. No luck on my money back. But karma has its way. Ted Ackerson KK6DWH
>>
>
>

1310. Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-15 15:42:56 UTC
From: chief6226@...
Topic: 1303 Message: 1310

I have built three of these analyzers. Two worked perfectly after assembly, one did not. I had botched a solder joint and that took out the PIC oscillator. So you can trash components through poor soldering. The new firmware seems to solve several 50Mhz issues too. So if it doesn't work after assembly, take the active components off the board and start continuity test. Then investigate the active components condition. If you don't have a lit LED, that suggests a PIC issue. Have fun, these are fun little projects.
Bill de kd5yyk

1311. Re: [foxdelta] Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-15 18:35:18 UTC
From: firemedted@yahoo.com
Topic: 1303 Message: 1311

Well, Jan. If you were to know the shipping procedures in most 1 world country's the pic is going to get x rayed. A IC in a bed of aluminum foil with no shielding is probably bad practice as a retailer. Not to mention the lack of support in trying to resolve a "unhappy customer" is even worse. Did you think I would just, "let it go and forget about it." The time I wasted trying to get a defective product working is ridiculous. At this point I will work overtime and save my money for a decent product. Sad to say I am going with the MFG product. Because my time is worth something rather than frustration. Ted Ackerson KK6DWH

Sent from my Verizon Wireless 4G LTE DROID

"Randy Elliott ve3jpu@me.com [foxdelta]" <foxdelta@yahoogroups.com> wrote:

>
>
>For what it's worth;
>
>Jan is somewhat correct, you should have learned how to get it fixed. I sense from your comments Ted, a degree of frustration. But to jump in and say the unit is crap is unfair. If the unit was not working, or working correctly after you built it, you have come to this group and searched out the trouble shooting checks. If you do not have an electronic background, you should have searched out local clubs and find hams that are knowledgable in electronics, (there are still lots of us around) to help.
>
>Frustration can be a very destructive emotion. It can destroy a persons interest in any hobby.
>
>The next time you attempt a building project, be it a kit, like this one, or something home brew, if you get stuck, take a step back, deep breath, and ask for help. That's how you learn. Hell, I still ask for help and I'm been doing this since I was a kid when we were still using tubes. We are all learning, everyday of our lives.
>
>Randy VE3JPU
>
>Technical Director
>
>South Pickering Amateur Radio Club
>
>VE3JPU@me.com
>
>
>
>On Feb 15, 2016, at 8:28 AM, Jan Servaites jservaites@woh.rr.com [foxdelta] <foxdelta@yahoogroups.com> wrote:
>
>
>

>Ted,
>Well as a ham operator, I think you should have learned HOW TO FIX it. That's is what we do.
>Jan N8CBX
>
>On 2/14/2016 10:07 PM, firemedted@yahoo.com [foxdelta] wrote:
>
>
>
>I ordered one a while back. It never worked. I eventually took up space in the local land fill where I belonged in the first place. $58.00 lesson to not by crap again. No luck on my money back. But karma has its way. Ted Ackerson KK6DWH
>
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace;

*font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

1312. Re: [foxdelta] Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-16 02:52:18 UTC
From: Richard Moseson
Topic: 1303 Message: 1312

Hi all,
As it happens, I'm in the process of building a kit (from a different manufacturer) and it's behaving weirdly. I've been doing my usual transcontinental texting with my building mentor in California and he had a comment that seems very appropriate to this discussion:

"This is the fun part of building! You are doing great."

Building is always a learning process. Not everything works as it should the first time. Figuring out why it isn't working and how to fix it is all part of the learning process.

73,
Rich W2VU

Sent by radio (yes, folks, it's a radio) from my iPhone

> On Feb 15, 2016, at 1:35 PM, "'firemedted@...' firemedted@... [foxdelta]" <foxdelta@yahoogroups.com> wrote:
>
> lives.

1313. Re: [foxdelta] Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-16 01:39:48 UTC
From: Jan Servaites
Topic: 1303 Message: 1313

The PIC was one bad out of 5 Fox Delta kits, so it's not X-rays, I would think. I would say the latest X-ray equipment is very efficient & low power, as it should be. It never fogged my 35mm film in my camera even back 15 years ago. The problem was it would not hold the programming. I could re-program it and it would work for a few weeks and then it would stop. It's no big deal to me, I learned a lot about the PICs, and because of that, I'm programming them now with my own software program.
Jan N8CBX

On 2/15/2016 1:35 PM, 'firemedted@...' firemedted@...
[foxdelta] wrote:
> Well, Jan. If you were to know the shipping procedures in most 1 world
> country's the pic is going to get x rayed. A IC in a bed of aluminum
> foil with no shielding is probably bad practice as a retailer. Not to
> mention the lack of support in trying to resolve a "unhappy customer"
> is even worse. Did you think I would just, "let it go and forget about
> it." The time I wasted trying to get a defective product working is
> ridiculous. At this point I will work overtime and save my money for a
> decent product. Sad to say I am going with the MFG product. Because my
> time is worth something rather than frustration. Ted Ackerson KK6DWH
>

1314. Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-16 01:05:13 UTC
From: firemedted@...
Topic: 1303 Message: 1314

0 Attachment

Hello. I received the fox delta aaz-0914 antenna analizer last week. The kit went together with no problems what so ever. I set the USB jumper to the USB spot and plugged the USB cable in. I have no power to the led with it not illuminated. My computer does not detect the device. I checked all the voltages throughout the PCB with it all being well in spec. I don't have a O-scope so I can not check the frequency at the BNC and at the PIC. I have not installed any drivers I just simply finished the kit snd plugged in the analiser. Any thoughts about what might be going wrong? Your advice and help is much appreciated. Thanks
Ted Ackerson KK6DWH

Reply
Delete

radiofan10099
Your PC should automatically install the drivers. Note that this can take a while depending on your machine. Once that s done, the LED should light and you can

Message 2 of 12 , Aug 29, 2015
https://groups.yahoo.com/neo/groups/foxdelta/conversations/messages/1221

View Source

0 Attachment

Your PC should automatically install the drivers. Note that this can take a while depending on your machine. Once that's done, the LED should light and you can proceed to run the app and calibrate the device.
73 Mike W5MDB

Reply

firemedted
Thank you! I will give it a go.

Message 3 of 12 , Aug 29, 2015
https://groups.yahoo.com/neo/groups/foxdelta/conversations/messages/1222

View Source

0 Attachment

Thank you! I will give it a go.

Reply
Delete

firemedted
Yea. Its not working. I found a spot on pin 1 of the 125mhz occilator that was not

soldiered. I soldered the pin and still nothing. I don t know what s going

Message 4 of 12 , Aug 29, 2015
https://groups.yahoo.com/neo/groups/foxdelta/conversations/messages/1223

View Source

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Yea. Its not working. I found a spot on pin 1 of the 125mhz occilator that was not soldiered. I soldered the pin and still nothing. I don't know what's going on. Ted KK6DWH

Reply
Delete

vu2fd
Hello Pin 1 of 125 need not be soldered because it has no connection. 1. Check if you have 10MHZ signal present at BNC (Without PC software running) 2. If

Message 5 of 12 , Aug 29, 2015
https://groups.yahoo.com/neo/groups/foxdelta/conversations/messages/1224

View Source

0 Attachment

Hello

Pin 1 of 125 need not be soldered because it has no connection.
1. Check if you have 10MHZ signal present at BNC (Without PC software running)
2. If present, can you connect PC software to board?
3. If not, check if you have latest dotnet frame work from microsoft for your OS
4. If no 10MHZ at BNC, check if your USB port (from PC)has enough current for AAZ. Check Q1 voltages.

If still not working contact me at esales@...

Regards/Dinesh Gajjar

Reply

firemedted
So I have 10mhz at the BNC tested by frequency counter. 500ma output from the PC. Still no LED illumination. I have tried 2 computers windows 7 and xp. I will

Message 6 of 12 , Aug 30, 2015
https://groups.yahoo.com/neo/groups/foxdelta/conversations/messages/1226

View Source

0 Attachment

So I have 10mhz at the BNC tested by frequency counter. 500ma output from the PC. Still no LED illumination. I have tried 2 computers windows 7 and xp. I will search for the dotnet update. I can't wait when she is up and running. Beautiful kit!!! Thanks every one. Ted KK6DWH

Reply
Delete

Mary Brown
You might have to change a setting for your USB port to allow higher current devices. Some limit the available power. ... This email has been checked for

Message 7 of 12 , Aug 30, 2015
https://groups.yahoo.com/neo/groups/foxdelta/conversations/messages/1225

View Source

0 Attachment

You might have to change a setting for your USB port to allow higher current devices. Some limit the available power.

https://www.avast.com/antivirus This email has been checked for viruses by Avast antivirus software.
www.avast.com https://www.avast.com/antivirus

Reply

ve7uv
Hi Ted, It sounds to me like something is not getting the voltage that it needs. I saw in your message that you said that you checked all of the voltage test

Message 8 of 12 , Aug 30, 2015
https://groups.yahoo.com/neo/groups/foxdelta/conversations/messages/1227

View Source

0 Attachment

Hi Ted,

It sounds to me like something is not getting the voltage that it needs. I saw in your message that you said that you checked all of the voltage test points listed in the trouble shooting guide and they were good, but I suggest that you explore a little further by using the analyzer's schematic diagram and trace those voltages as they flow through then next few components in line. You may have an open resistor or inductor not letting the voltage through to the next component. You also may have a shorted capacitor somewhere in the circuit.

Measuring the current that your antenna analyzer is drawing can help diagnose problems as well. I just finished building my AAZ-0914A Antenna Analyzer today, and like yours it didn't work either. Mine was really easy and fast to troubleshoot and find it's problem. My kit has a defective 125 MHz SMT 3.3 volt oscillator module (part No. OSC#). After confirming that all of my voltages were present and good, I removed the DDS module and probed it's socket pin# 9 for a 125 MHz signal and none was present. I emailed Fox Delta regarding this and I'm sure they will get a replacement to me quickly in the mail.

Since I can't give you any current draw info from my antenna analyzer presently, maybe someone else in the group can measure their analyzer's current draw at first power up without running the SWR Analyzer software and post it here for you to compare it to.

Good luck, and please keep the group updated on your progress.

73,

Jim VE7UV

Reply

Dave Fleetwood
If all voltages are correct the LED should light up when connected to computer without the program running.Are you entirely convinced that the LED is connected

Message 9 of 12 , Aug 30, 2015
https://groups.yahoo.com/neo/groups/foxdelta/conversations/messages/1228

View Source

0 Attachment

If all voltages are correct the LED should light up when connected to computer without the program running.Are you entirely convinced that the LED is connected the correct way round.I have fallen into that trap before.Once it does work its brilliant stay with it there has to be a solution.

Cheers Dave

Show message history
On Sun, Aug 30, 2015 at 10:51 AM, jim.toews@... mailto:jim.toews@... [foxdelta] <foxdelta@yahoogroups.com mailto:foxdelta@yahoogroups.com> wrote:

Hi Ted,

It sounds to me like something is not getting the voltage that it needs. I saw in your message that you said that you checked all of the voltage test points listed in the trouble shooting guide and they were good, but I suggest that you explore a little further by using the analyzer's schematic diagram and trace those voltages as they flow through then next few components in line. You may have an open resistor or inductor not letting the voltage through to the next component. You also may have a shorted capacitor somewhere in the circuit.

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Good luck, and please keep the group updated on your progress.

73,

Jim VE7UV

Reply

firemedted
I do need to trace back on the schematic to test all voltages and components. I have not yet checked the 20mhz crystal and the 125mhz oscillator with my

Message 10 of 12 , Aug 30, 2015
https://groups.yahoo.com/neo/groups/foxdelta/conversations/messages/1229

View Source

0 Attachment

I do need to trace back on the schematic to test all voltages and components. I have not yet checked the 20mhz crystal and the 125mhz oscillator with my frequency ccounter. I checked the polarity of the LED and appears correct. I might find some time tonight to tinker on it. Will keep everyone posted. Thanks Ted KK6DWH

Reply
Delete

vu2fd
Hello You said you have 10MHZ at BNC. If that is so, you need not check 20MHZ osc and 125MHZ osc. DDS is already under processor control. Regards/Dinesh Gajjar

Message 11 of 12 , Aug 30, 2015
https://groups.yahoo.com/neo/groups/foxdelta/conversations/messages/1230

View Source

0 Attachment

Hello You said you have 10MHZ at BNC. If that is so, you need not check 20MHZ osc and 125MHZ osc.
DDS is already under processor control.

Regards/Dinesh Gajjar

Reply

firemedted
Hello everyone, Thank all of you for all the great advice. I am still having difficulty with the antenna analyzer. As I recapped through the trouble shooting

Message 12 of 12 , Sep 20, 2015
https://groups.yahoo.com/neo/groups/foxdelta/conversations/messages/1239

1315. weather station problems

Yahoo group: foxdelta
Date: 2016-02-16 07:21:43 UTC
From: rbaker@...
Topic: 1315 Message: 1315

Hi,

Been trying to set up a weather station (APRS), but have been having trouble with packets not making to aprs.fi. Have been told it could be TNC not able to handle the long weather strings, or wx unit resetting all the time. So borrowed a FT2D to check info out of the wx station, all good every time, but aprs.fi only showing voltage, no weather details. I know one Digipeater is using a foxdelta TNC, could this be the problem, as I tried to set up a digipeater in the back yard with a foxdelta TNC, and had simalar problem, the FT2D would then only see the volage as well.

Can this problem be fixed if it is the TNC?

Cheers

Robert

1316. Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-16 18:02:28 UTC
From: jgeissin@...
Topic: 1303 Message: 1316

I did that; it has the latest .NET installed, Win7 SP1. Going to try the solder joints again, put the chips back on and check with the voltmeter and scope. I am not giving up yet! Jon
KC3APA

1317. Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-16 16:49:17 UTC
From: chief6226@...
Topic: 1303 Message: 1317

Dinesh Some guys like to vent and this is a handy forum to do so.
You have responded to us as we find problems. Some of us are
adept at troubleshooting then others. That is why this forum is so handy.
Don't take comment as a personal issue. I have trashed parts many
times over the years and have also received sub par components from
various kit vendors. This is just the nature of the beast.
I have enjoyed your kits so don't stop.
Bill de kd5yyk

1318. Re: [foxdelta] Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-17 00:21:49 UTC
From: Randy Elliott
Topic: 1303 Message: 1318

I’ll second That!!

Randy Elliott VE3JPU
Technical Director
South Pickering Amateur Radio Club Inc.
Box 53
Pickering, Ontario, Canada
L1V 2R2
905-995-5135
ve3jpu@...
Skype: scruffdog

> On Feb 16, 2016, at 11:49 AM, chief6226@... [foxdelta] <foxdelta@yahoogroups.com> wrote:
>
>
> Dinesh Some guys like to vent and this is a handy forum to do so.
>
> You have responded to us as we find problems. Some of us are
>
> adept at troubleshooting then others. That is why this forum is so handy.
>
> Don't take comment as a personal issue. I have trashed parts many
>
> times over the years and have also received sub par components from
>
> various kit vendors. This is just the nature of the beast.
> I have enjoyed your kits so don't stop.
>
> Bill de kd5yyk
>
>
>

1319. Ki building errors

Yahoo group: foxdelta
Date: 2016-02-17 00:57:54 UTC
From: Stephen Black
Topic: 1303 Message: 1319

I have built more than a few kits in the 50 years I have been fiddling about with electronics and the only problem I have had with a kit from Foxdelta was a single missing component which was shipped to me right away. I have built maybe a dozen kits from Foxdelta. I have a kit from them unopened on my bench right now awaiting my attention. I have to say the one kit that did not work on the first try was a PHTSI error. PHTSI is a very technical term for *P*erson *H*olding *T*he *S*oldering *I*ron. It is very easy to become distracted in the shack with all the radios on and blinky lights and spouses calls for dinner and such. I installed a eight legged IC and had to remove it to properly orient it and resolder it. It then worked. I would inspect all solder joints but first check parts placement for a mis-oriented or wrongly placed part. I had to look at the board several times before I had noticed my error. I was so sure it was right the first time I agreed with myself the next several times I looked and missed it. I only noticed it after a rest away from the building of it. Take a second Or fifth look and you may see an error before throwing in the towel. If you have a club nearby see if there is a technically inclined individual who can help you out. I have done so in the past. We all can't know everything. I have a new ham coming over tomorrow to have me show him how to mod a tuner for his application and I'm headed out in the afternoon to help another ham tune an antenna. There are people like us out there. Good luck. Steve KB1CHU

On 02/15/2016 09:52 PM, Richard Moseson w2vu@...
[foxdelta] wrote:
>
> Hi all,
> As it happens, I'm in the process of building a kit (from a different
> manufacturer) and it's behaving weirdly. I've been doing my usual
> transcontinental texting with my building mentor in California and he
> had a comment that seems very appropriate to this discussion:
>
> "This is the fun part of building! You are doing great."
>
> Building is always a learning process. Not everything works as it
> should the first time. Figuring out why it isn't working and how to
> fix it is all part of the learning process.
>
> 73,
> Rich W2VU
>
> Sent by radio (yes, folks, it's a radio) from my iPhone
>
> > On Feb 15, 2016, at 1:35 PM, "'firemedted@...'
> firemedted@... [foxdelta]" <foxdelta@yahoogroups.com> wrote:

> >
> > lives.
>
>

1320. Re: [foxdelta] Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-02-17 01:16:04 UTC
From: cyclingsoldier
Topic: 1303 Message: 1320

As do I.
JackKE4LWT

Sent via the Samsung GALAXY S®4, an AT&T 4G LTE smartphone

-------- Original message --------
From: "Randy Elliott ve3jpu@me.com [foxdelta]" <foxdelta@yahoogroups.com>
Date: 02/16/2016 19:21 (GMT-05:00)
To: foxdelta@yahoogroups.com
Subject: Re: [foxdelta] Re: AAZ-0914A No operation

I’ll second That!!

Randy Elliott VE3JPUTechnical DirectorSouth Pickering Amateur Radio Club Inc.Box 53Pickering, Ontario, CanadaL1V 2R2905-995-5135ve3jpu@me.comSkype: scruffdog

.

1321. II2ANT 13th Antartic Activity Week

Yahoo group: foxdelta
Date: 2016-02-18 17:31:24 UTC
From: i2tzk@...
Topic: 1321 Message: 1321

Febrary 22 to 28 I'll operate the special call II2ANT to celebrate the 13th Edition of the Antartic Activity Week all information about this event here:
WAPONLINE > Home http://www.waponline.it/

http://www.waponline.it/

WAPONLINE > Home http://www.waponline.it/

View on www.waponline.it http://www.waponline.it/
Preview by Yahoo

http://www.waponline.it/Default.aspx?tabid=113
http://www.waponline.it/Default.aspx?tabid=113

Please contact me, i'll be active all bands all modes.
Thank you, 73's Tony I2TZK

1322. Trying to get FoxTrak M working

Yahoo group: foxdelta
Date: 2016-02-26 05:07:39 UTC
From: haburton@...
Topic: 1322 Message: 1322

Hi all,
I bought a FoxTrak M from Fox Delta several years ago but I didn't build it for quite some time. It seemed to be fine, but I've never been able to get it working. After some work, I am able to program it, read and write to the device but I have not output. When I look at the pins, 6 through 9 while commanding it to produce a tone. I have looked at it on a scope and there's nothing there. I have looked at all the pins, nothing.

Are these open drain pins or anything? I don't see anything.

Any ideas?

Harley
N5BFB

1323. Arduino for Ham Radio

Yahoo group: foxdelta
Date: 2016-03-01 01:40:02 UTC
From: vu2fd@...
Topic: 1323 Message: 1323

http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=4dc3fe2357&e=211883279c Viewers in over 150 countires.
Amateur Radio Roundtable Subject: More Arduino for Ham Radio
After being off the air last Tuesday, our show will return Tuesday, March 1. For years, many of you saw or chatted with "Granny" (my mom, Agnes Medlin) in our chat room during our special hamfest events. Mom passed away last week, just two weeks short of her 90th birthday. We will miss her, but I'm sure heaven has gigabit internet service and she will be watching!

This week, March 1st, Glen Popiel, KW5GP http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=5d9f430a07&e=211883279c, author of the ARRL book "Arduino for Ham Radio" http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=2d41ddb9b2&e=211883279c, will return to our studio bringing new arduino projects for ham radio. He will show a qrp/arduino 40 meter rig which he presented at Dayton last year and won "Best in Show." Glen is also working on some new books and we will talk about those.

Also appearing will be Rich Moseson, W2VU http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=8a668f4efe&e=211883279c, editor of CQ magazine http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=e2d22f0988&e=211883279c and Editorial Director of CQ Communications, Inc discussing some exciting topics in the next issue of CQ Magazine.

Our "AskRiley" segment is picking up speed as we have received a lot of new questions for Riley Hollingsworth, K4ZDH http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=7588c5117c&e=211883279c, retired Special Counsel to the FCC. Riley will be on the show every few weeks answering your questions. In many cases, Riley will be contacting you directly to discuss and answer your questions. Send your questions toaskriley@w5kub.com mailto:askriley@w5kub.com?subject=Questions%20for%20%22Ask%20Riley%22 for discussion in the program.
If you missed the Feb 16th show on Heard Island DXpedition, you can watch it here http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=2d59ed6c46&e=211883279c. We plan to have live video updates on our show directly from Heard Island during the operation in March and April.

Please note that our shortwave broadcast frequency is changing. It will now be 5130 Khz. The U.S. Military needs the 5110 frequency, so we are moving.

Amateur Radio Roundtable, is a live weekly amateur radio and shortwave program, held every Tuesday night at 8 PM CDT (0200 UTC Wednesday). The show can viewed at W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=e01683cbfd&e=211883279c or heard on shortwave radio station, WBCQ on 5130 KHz.

To watch Amateur Radio Roundtable on Tuesday evenings, go to W5KUB.com http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=1514639589&e=211883279c. If you are listening on 5130 KHz, we would like to hear from you. Please send an email totom@w5kub.com mailto:tom@w5kub.com and tell us your location and signal report.

We need help with topics. If you have a specific subject that you would like to present in a future show, send an email to tom@W5KUB.com mailto:tom@W5KUB.com?subject=Amateur%20Radio%20Roundtable%20Topic%20Suggestion.

Forward this message to a Friend http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=dc226db09b&e=211883279c will allow you to share this message with your friends.

Join us for fun and interesting discussions!

Tom Medlin, W5KUB

1324. Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-03-08 14:06:07 UTC
From: jgeissin@...
Topic: 1303 Message: 1324

OK, finally got time to look at this again.

Reflowed all joints (with the PIC and the DDS removed).
Reinstalled the chips and re-powered. No LED, still shows as a HID device (Windows 7, MS Dot Net framework 4.5.2).
I have a 100mhz HP storage scope (don't know it's calibration!) that I am using.
Checked pins 9 and 10 of the PIC, I have a 3.5VAC signal (nice sine wave). The sine wave is clean and stable. Looks like 1 division at .05 usec. Nothing at pins 18, 21 - 23.
Nothing on pin 20 or 21 of the DDS.
No output at the BNC (where I thought I had output before).
I don't have a PIC programmer.
It's antenna building season! I'd love to use this instead of my GDO!!
Thanks!
Jon
KC3APA

1325. RE: [foxdelta] Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-03-18 22:54:23 UTC
From: gmfoster@...
Topic: 1269 Message: 1325

I am not sure yiu ever got and answer, Yes it is that simple just a short from center pin to body..of connector..

Garry

1326. Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-03-18 23:16:37 UTC
From: gmfoster@...
Topic: 1303 Message: 1326

Well he posted his problems here several times. And some have trouble trying to email you Dinesh..

This is the best place for support... Why you guys chose not to take advantage of it is beyond me...

However your products are top notch most of the time..

Garry
W8GMF

1327. Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-03-19 11:12:45 UTC
From: jgeissin@...
Topic: 1303 Message: 1327

As usual, this was a RTFM situation!

I had the jumper installed that puts the PIC into programming mode (?). The board came that way, but upon closer inspection, and directions from Dinesh in email, the situation is resolved and the unit is functional.

No complex issues such as bad components, flakey solder joints, mis-programmed PIC, etc.... Just READ THE Fing MANUAL.

I am shocked at the readings it gives on my existing, in-use antenna (Carolina Windom) that tunes quite nicely on most bands without the transmatch, so I am wondering... I am finishing a fan dipole which should give much more normal readings?

I'm thinking that I need to get the blue tooth accessory and a tablet in that I do not have a WinDoze laptop (the PC I test this unit with is a desktop, multibooted into Win7 from my normal Linux). All my laptops are Macs, and the unit will not connect to a Windows session in VBox across the USB bridge; too bad for the software is my view! I program all my Chinese units using this method (VBox on my Mac).

You can get an Android tablet these days for under $100 (shocked even myself!, mostly no-name chinese knockoffs, not unlike most of my 2 meter rigs like Baofeng, TYT, Puxaeng, etc...)

With the tablet, the data can be taken back to the desktop for analysis. I am not a programmer, so porting the app or programming one that works across platforms is not my thing. I do work in databases, so punching weird data into a database is something I can do!

Jon
KC3APA

1328. Re: [foxdelta] Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-03-19 15:56:16 UTC
From: Wes Will
Topic: 1303 Message: 1328

> I'm thinking that I need to get the blue tooth accessory and a tablet in
> that I do not have a WinDoze laptop (the PC I test this unit with is a
> desktop, multibooted into Win7 from my normal Linux). All my laptops are

I use an Opensuse distro of Linux here (with a custom kernel), and Oracle VirtualBox, with a WinXP image installed under the virtual machine. Service packs, the updates, and the USB drivers installed a treat. The 914A software works just fine for me under that lash-up. I won't have a Winsucks (WinBlows?) install in the house on bare metal. I keep the virtual machine down and take the laptop off of the house network while I use it, too.

No, with Microsoft software, there is no such thing as 'too paranoid.' I spent too many years sitting Tier 3 support on a university I.T. Hel desk.... (That's not a typo, really. I lost the 'p' in the first week on the telephones.)

The Bluetooth and Android software option I'm saving for use on the roof or up a tower. So far, the laptop has been just fine for what I've needed. Since getting a working 914A we have had several storms, and I now have zero HF antennae in working order. It is going to come in REALLY handy when I go to tune my new OCF dipole.

--
Wes Will
wes@...
N9KDY

1329. Re: [foxdelta] Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-03-19 16:58:07 UTC
From: Garry Foster
Topic: 1303 Message: 1329

I bought the kindle fire for 30.00 on sale. Works great as on blue tooth for my DRO..(http://www.yuriystoys.com/p/android-dro.html) so I expect it to work with the Fox Delta 0914 analyzer.. I try it this afternoon maybe... 7 inch screen and backed by Amazon however you do have to side load apps like this....

Garry W8GMF

On Sat, Mar 19, 2016 at 7:12 AM, jgeissin@gmail.com [foxdelta] <foxdelta@yahoogroups.com> wrote:

>
>
> As usual, this was a RTFM situation!
>
> I had the jumper installed that puts the PIC into programming mode (?).
> The board came that way, but upon closer inspection, and directions from Dinesh
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> No complex issues such as bad components, flakey solder joints,
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> You can get an Android tablet these days for under $100 (shocked even
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> With the tablet, the data can be taken back to the desktop for analysis.
> I am not a programmer, so porting the app or programming one that works
> across platforms is not my thing. I do work in databases, so punching
> weird data into a database is something I can do!
>
> Jon
> KC3APA
>

>
>
>
>

1330. Re: [foxdelta] Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-03-19 20:56:54 UTC
From: Garry Foster
Topic: 1303 Message: 1330

I reread and see you have it working I had misunderstood it wasn't working,

sorry.

I tried the bottom end Kindle Fire today and it worked sweet. So far I have tried it with three android tablets and they have all worked well. That said the physical lash up is horrendous.. I plan on going to battery power thru the USB port even when using bluetooth..

I ran some tests again with resistors to see how close the readings were away from 50 ohms. 75 and 100 were basically right on when purely restrictive...

Garry W8GMF

On Sat, Mar 19, 2016 at 4:49 PM, Garry Foster <gmfoster@...> wrote:

> You can only calibrate through a windows machine... And it should be
> calibrated before each use.. At least reall vaactor analyzers. I have seen
> some changes with temperature..
>
>
> On Sat, Mar 19, 2016 at 11:56 AM, Wes Will wwill@...
> [foxdelta] <foxdelta@yahoogroups.com> wrote:
>

>>
>>
>> > I'm thinking that I need to get the blue tooth accessory and a tablet in
>> > that I do not have a WinDoze laptop (the PC I test this unit with is a
>> > desktop, multibooted into Win7 from my normal Linux). All my laptops are
>>
>> I use an Opensuse distro of Linux here (with a custom kernel), and Oracle
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>> Service
>> packs, the updates, and the USB drivers installed a treat. The 914A
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>> works just fine for me under that lash-up. I won't have a Winsucks
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>> install in the house on bare metal. I keep the virtual machine down and
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>> the laptop off of the house network while I use it, too.
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>> No, with Microsoft software, there is no such thing as 'too paranoid.' I
>> spent too many years sitting Tier 3 support on a university I.T. Hel
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>> (That's not a typo, really. I lost the 'p' in the first week on the

>> telephones.)
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>> The Bluetooth and Android software option I'm saving for use on the roof
>> or up
>> a tower. So far, the laptop has been just fine for what I've needed.
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>> getting a working 914A we have had several storms, and I now have zero HF
>> antennae in working order. It is going to come in REALLY handy when I go
>> to
>> tune my new OCF dipole.
>>
>> --
>> Wes Will
>> wes@...
>> N9KDY
>>
>>
>
>

1331. Re: [foxdelta] Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-03-19 20:49:14 UTC
From: Garry Foster
Topic: 1303 Message: 1331

You can only calibrate through a windows machine... And it should be calibrated before each use.. At least reall vaactor analyzers. I have seen some changes with temperature..

On Sat, Mar 19, 2016 at 11:56 AM, Wes Will wwill@... [foxdelta] <foxdelta@yahoogroups.com> wrote:

>
>
> > I'm thinking that I need to get the blue tooth accessory and a tablet in
> > that I do not have a WinDoze laptop (the PC I test this unit with is a
> > desktop, multibooted into Win7 from my normal Linux). All my laptops are
>
> I use an Opensuse distro of Linux here (with a custom kernel), and Oracle
> VirtualBox, with a WinXP image installed under the virtual machine.
> Service
> packs, the updates, and the USB drivers installed a treat. The 914A
> software
> works just fine for me under that lash-up. I won't have a Winsucks
> (WinBlows?)
> install in the house on bare metal. I keep the virtual machine down and
> take
> the laptop off of the house network while I use it, too.
>
> No, with Microsoft software, there is no such thing as 'too paranoid.' I
> spent too many years sitting Tier 3 support on a university I.T. Hel
> desk....
> (That's not a typo, really. I lost the 'p' in the first week on the
> telephones.)
>
> The Bluetooth and Android software option I'm saving for use on the roof
> or up
> a tower. So far, the laptop has been just fine for what I've needed. Since
> getting a working 914A we have had several storms, and I now have zero HF
> antennae in working order. It is going to come in REALLY handy when I go
> to
> tune my new OCF dipole.
>
> --
> Wes Will
> wes@...
> N9KDY
>
>

1332. RE: [foxdelta] Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-03-20 02:27:56 UTC
From: tom armour
Topic: 1303 Message: 1332

I use a USB 2.0 One B Male to Two USB A Male Y-Cable with my BluTooth unit I built.

I plug a 5v battery (the kind you charge a cellphone with with a USB port on it) into one of the 'A' cables.

I have been using it with various Android devices since 2013.

Tom - wa4ta

From: foxdelta@yahoogroups.com
To: foxdelta@yahoogroups.com
Date: Sat, 19 Mar 2016 16:56:54 -0400
Subject: Re: [foxdelta] Re: AAZ-0914A No operation

I reread and see you have it working I had misunderstood it wasn't working, sorry.
I tried the bottom end Kindle Fire today and it worked sweet. So far I have tried it with three android tablets and they have all worked well. That said the physical lash up is horrendous.. I plan on going to battery power thru the USB port even when using bluetooth..
I ran some tests again with resistors to see how close the readings were away from 50 ohms. 75 and 100 were basically right on when purely restrictive...
Garry W8GMF
On Sat, Mar 19, 2016 at 4:49 PM, Garry Foster <gmfoster@gmail.com> wrote:
You can only calibrate through a windows machine... And it should be calibrated before each use.. At least reall vaactor analyzers. I have seen some changes with temperature..

On Sat, Mar 19, 2016 at 11:56 AM, Wes Will wwill@... [foxdelta] <foxdelta@yahoogroups.com> wrote:

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install in the house on bare metal. I keep the virtual machine down and take

the laptop off of the house network while I use it, too.

No, with Microsoft software, there is no such thing as 'too paranoid.' I

spent too many years sitting Tier 3 support on a university I.T. Hel desk....

(That's not a typo, really. I lost the 'p' in the first week on the telephones.)

The Bluetooth and Android software option I'm saving for use on the roof or up a tower. So far, the laptop has been just fine for what I've needed. Since getting a working 914A we have had several storms, and I now have zero HF antennae in working order. It is going to come in REALLY handy when I go to tune my new OCF dipole.

--

Wes Will

wes@...

N9KDY

1333. History Making Webcast - Heard Island

Yahoo group: foxdelta
Date: 2016-03-21 11:50:33 UTC
From: vu2fd@...
Topic: 1333 Message: 1333

This week (March 22) we will attempt to make ham radio history by having Dr. Bob Schmieder, KK6EK http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=83af6d615d&e=211883279c, and the Heard Island Dxpedition http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=22cd8fcea7&e=211883279c team, on our live Tuesday night show. This DXpedition is in one of the most remote locations in the world. The team will arrive on Heard Island less than a day before the interview so they will be very busy setting up. We will attempt a live video webcast with them for the next three Tuesday night shows via satellite phone. What will we see? Who knows! If the weather is good we will try to have some coverage from outside; otherwise, they will probably be inside the tent in bad weather. Heard Island is volcanic glacier that has some very rough weather patterns - rain and snow many days of the year. Rich Holoch, KY6R http://w5kub.us10.list-manage2.com/track/click?u=0d5cdae05233f79e11025a75d&id=9357e4275a&e=211883279c, will help coordinate our interview with the DXpedition. Will we be successful? We won't know until we try it. Tune in to see!

Check out our press release from the ARRL by clicking here http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=077ae1de24&e=211883279c.

Our second guest will be Skip Morris, K5FC http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=c2ebbca9a2&e=211883279c. Skip and I will discuss ham radio 50 years ago. We will open up the phone lines for other old timers to call in and tell their ham radio experiences from half a century ago. Ship will also show a complete restoration of a 1960s Eico transmitter.

Remember to send your FCC questions to Riley at askriley@w5kub.com mailto:askriley@w5kub.com?subject=Questions%20for%20%22Ask%20Riley%22 for discussion in the program. Riley is a retired FCC Special Counsel for enforcement and brings a lot of knowledge to this area.

If you missed the March 15th show with Frank Howell, K4FMH, discussing the Amateur Radio Parity Act, you can watch it here http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=081d47cc11&e=211883279c.

Amateur Radio Roundtable, is a live weekly amateur radio and shortwave program, held every Tuesday night at 8 PM CDT (0200 UTC Wednesday). The show can viewed at W5KUB.com http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=0f0f8a9c25&e=211883279c or heard on shortwave radio station, WBCQ on 5130 KHz.

To watch Amateur Radio Roundtable on Tuesday evenings, go to W5KUB.com http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=c03fb4e3f0&e=211883279c. If you are listening on 5130 KHz, we would like to hear from you. Please send an email totom@w5kub.com mailto:tom@w5kub.com and tell us your location and signal report.

We need help with topics. If you have a specific subject that you would like to present in a future show, send an email to tom@W5KUB.com mailto:tom@W5KUB.com?subject=Amateur%20Radio%20Roundtable%20Topic%20Suggestion.

Forward this message to a Friend http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=4236176a54&e=211883279c will allow you to share this message with your friends.

Join us for fun and interesting discussions!

Tom Medlin, W5KUB

1334. FoxView3 problems

Yahoo group: foxdelta
Date: 2016-03-30 02:45:24 UTC
From: rbaker@...
Topic: 1334 Message: 1334

H All.

Have 2 Foxview3, one works great, the other nothing.

This is what I have, can connect to the unit via computer, not probs, andcan read config. I can see the rx led coming on and off, but no info is transfered. Changed all chips from one unit to the other, still with no luck. Have used a strong magnify glass to check all components, all good bar C3 and C4, in paperwork shows 27, but on board 22 (but same with working board).

Love som advice, as I can not see anything wrong.

Cheers, and thanks in advance.

Robert

1335. FC3 0812 firmware reload

Yahoo group: foxdelta
Date: 2016-04-23 21:18:50 UTC
From: jfpainter@...
Topic: 1335 Message: 1335

I have an FC3 which displays only backlight and top line of black squares. I want to reload the firmware but I can't get the fc3 into a mode which will allow hidbootloader to run. I have the proper files. How do I initiate the firmware load?

Thanks Jim Painter...kq3s

1336. Re: FC3 0812 firmware reload

Yahoo group: foxdelta
Date: 2016-04-24 10:17:30 UTC
From: i2tzk@...
Topic: 1335 Message: 1336

Jim
black squares at the LCD top line indicates that the bootloader is active.
Please check the pushbuttons, the right one driving the pin 37 of the pic could be permanently pushed.
Tony

1337. Re: FC3 0812 firmware reload

Yahoo group: foxdelta
Date: 2016-04-26 04:14:44 UTC
From: jfpainter@...
Topic: 1335 Message: 1337

Tony, pin 37 is +4 volts. When I push the right push button it goes to ground. When I run the PC software the unit is recognized and seem to work OK. It's just that I can't get the LCD screen to work. Actually I have the same problem on my SWM3 -0511, black squares.

Thanks...

Jim

1338. RE: [foxdelta] Re: FC3 0812 firmware reload

Yahoo group: foxdelta
Date: 2016-04-26 06:43:38 UTC
From: Dimitry Borzenko
Topic: 1335 Message: 1338

Hi Jim.

I have had problems few times(3-4) with two SWM3 and reported to author.

But in my case controller was not recognized by software.

Problem is in the PIC controller, something happen with PIC flash memory while USB powers UP.

After reprogramming PIC controller by external programmer my SWM3’s backs to the life.

If you see black squares on two rows - maybe too much contract voltage on LCD screen.

Regards.

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
Sent: Tuesday, April 26, 2016 7:15 AM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Re: FC3 0812 firmware reload

Tony, pin 37 is +4 volts. When I push the right push button it goes to ground. When I run the PC software the unit is recognized and seem to work OK. It's just that I can't get the LCD screen to work. Actually I have the same problem on my SWM3 -0511, black squares.

Thanks...

Jim

1339. Z impedance analysis?

Yahoo group: foxdelta
Date: 2016-05-06 16:31:34 UTC
From: ktjensen1994@...
Topic: 1339 Message: 1339

So I have just received the Foxdelta antenna analyzer delivered yesterday. Plugged it into my win7 PC and started the software. Calibrated and I run a ONE-SHOT scan. Hit the analysis button and I see approximately the best resonant frequency.

But I am not seeing where the Z Impedance is being displayed?

Likely my own ignorance about what I am seeing and how to interpret it. Am used to the idiot proof antenna analyzers that display the Z, and the Resonant Frequency, and the SWR.

1340. AAZ-0914A Not recognized or working

Yahoo group: foxdelta
Date: 2016-05-05 13:53:54 UTC
From: easthood11@...
Topic: 1340 Message: 1340

Hi everyone,
After assembling the AAZ-0914A SWR Analyzer it wasn't long before I noticed nothing much was happening, the Computer didn't recognize the device (nothing happens when plugging the device in our removing it). The LED is also NOT lit.

What I have done and checked so far is the following:
-Check for opens or shorts on the PCB and components
-Double check component placement and orientation (incl. IC's)
-Measured the voltages (3.3, 3.5 and 5V) on the suggested test points (PIC has 5V on Pin 1 and 20) and these were all present and within range
-Check the power header to draw Power from the USB
-Made sure the H1 bridge is place and the Update header is disconnected
-I do measure a 10MHz sine wave at the BNC output
-With a 10MHz oscilloscope I'm not able to check the 125MHz signal on the DDS and I also can't check the 20 MHz crystal (I did try but no signal was seen on the scope)
-Pin 11 of the PIC outputs 0V (which should drive the LED)

I'm pretty much out of ideas now, it could be that the PIC is not working/programmed correctly, but I don't know of a way to check this (I also don't have a PIC programmer kit at hand).

If anyone could help me on this that would be great, thanks.

Kind regards,
Robin

1341. Re: [foxdelta] AAZ-0914A Not recognized or working

Yahoo group: foxdelta
Date: 2016-05-07 01:05:20 UTC
From: Jan Servaites
Topic: 1340 Message: 1341

First thing I would do is get the PIC's crystal clock working. You have
an O-scope, thats good.
Buy a new crystal and try it.
I have them go bad and I replaced some. They are low priced so I would
get a handful of spares.
Jan

On 5/5/2016 9:53 AM, easthood11@... [foxdelta] wrote:
>
> Hi everyone,
> After assembling the AAZ-0914A SWR Analyzer it wasn't long before I
> noticed nothing much was happening, the Computer didn't recognize the
> device (nothing happens when plugging the device in our removing it).
> The LED is also NOT lit.
>
> What I have done and checked so far is the following:
> -Check for opens or shorts on the PCB and components
> -Double check component placement and orientation (incl. IC's)
> -Measured the voltages (3.3, 3.5 and 5V) on the suggested test points
> (PIC has 5V on Pin 1 and 20) and these were all present and within range
> -Check the power header to draw Power from the USB
> -Made sure the H1 bridge is place and the Update header is disconnected
> -I do measure a 10MHz sine wave at the BNC output
> -With a 10MHz oscilloscope I'm not able to check the 125MHz signal on
> the DDS and I also can't check the 20 MHz crystal (I did try but no
> signal was seen on the scope)
> -Pin 11 of the PIC outputs 0V (which should drive the LED)
>
> I'm pretty much out of ideas now, it could be that the PIC is not
> working/programmed correctly, but I don't know of a way to check this
> (I also don't have a PIC programmer kit at hand).
>
> If anyone could help me on this that would be great, thanks.
>
> Kind regards,
> Robin
>
>

1342. Re: [foxdelta] Z impedance analysis?

Yahoo group: foxdelta
Date: 2016-05-07 01:08:24 UTC
From: Jan Servaites
Topic: 1339 Message: 1342

This Foxdelta A/A is a "scalar" network analyzer. It will not give impedance. You need a "vector" network analyzer for that.
Jan N8CBX

On 5/6/2016 12:31 PM, ktjensen1994@... [foxdelta] wrote:
>
> So I have just received the Foxdelta antenna analyzer delivered
> yesterday. Plugged it into my win7 PC and started the software.
> Calibrated and I run a ONE-SHOT scan. Hit the analysis button and I
> see approximately the best resonant frequency.
>
>
> But I am not seeing where the Z Impedance is being displayed?
>
>
> Likely my own ignorance about what I am seeing and how to interpret
> it. Am used to the idiot proof antenna analyzers that display the Z,
> and the Resonant Frequency, and the SWR.
>
>

1343. 20MHZ Crystal

Yahoo group: foxdelta
Date: 2016-05-07 09:25:47 UTC
From: vu2fd@...
Topic: 1343 Message: 1343

Hello
I am surprised at failed 20mhz crystals. I assemble 2 or 3 AAZs for seniors every week and never found bad crystal. (may be my luck) I buy crystals in 200 lot and they are from either KDS or IQ.

What I suspect is not bad xtal but bad internal capacitance of each xtals. Production line may not be good enough to control that. I mean, outside 18pf may be good for most crystals but not enough for few of the xtals.

Before removing 20mHZ xtal thinking that its bad, give a try and change those 18pfs to 22pf or 27pfs. (or add 5pf in parallel for a try) This may work, perhaps.

73s/Dinesh Gajjar

1344. Re: AAZ-0914A Not recognized or working

Yahoo group: foxdelta
Date: 2016-05-07 07:34:30 UTC
From: easthood11@...
Topic: 1340 Message: 1344

Hi Jan,
That's exactly what I did. I managed to borrow a better oscilloscope yesterday and found out that the 20 MHz crystal was NOT working. I bought a new crystal and it worked :D So you are right on! :)

I was kind of surprised that the crystal was dead, normally these things should be solid.. but anyhow it's working and I'm having fun measuring just about anything with it! :)

Robin

1345. Re: Z impedance analysis?

Yahoo group: foxdelta
Date: 2016-05-07 12:30:22 UTC
From: ktjensen1994@...
Topic: 1339 Message: 1345

somewhere back in engineering school I remember the difference between VECTOR versus SCALER. Something about VECTOR being magnitude and directional, while SCALER is only magnitude. But that would still mean that you could derive the Z impedance from the readings. Again I don't know exactly though.

Regardless a great product that seems to work well. Might even get a cheap SARK100 clone on ebay to complement/compare this FOX DELTA antenna analyzer instrument to.

1346. Loop tuner - automatic with stepper motor? - Foxdelta A/A

Yahoo group: foxdelta
Date: 2016-05-07 12:35:24 UTC
From: ktjensen1994@...
Topic: 1346 Message: 1346

Saw in the dialog and descriptions somewhere that the Foxdelta A/A (liking this abbreviation) can be used with a stepper motor to create an automatic antenna tuner for a magnetic loop.

Has anyone seen this done yet? Since there are usually two knobs on a tuner that need to be adjusted (transmitter matching and antenna matching) am thinking this is speculation and not reality. Regardless would like to see about any notes where others have had success in that.

N1KTJ
Kevin

1347. Re: AAZ-0914A No operation

Yahoo group: foxdelta
Date: 2016-05-07 12:52:07 UTC
From: ktjensen1994@...
Topic: 1303 Message: 1347

just FYI. Glad you got it working.

1) Am sure someone would volunteer to check it out, if your testing failed to find the problem, post assembly. It would only cost $10 round trip shipping to anywhere in USA.

2) The local ham radio club might have a person who likes to help other hams out with testing and diagnostics. Just ask there.

3) Always buy with a credit card, and most have a warranty built into the credit purchase transaction. You could in theory make a claim against the credit card. Sure its gets everyone mad and angry and wound up about it, but guess what, its business and people want a product that works. Might not get anywhere if you bought parts. Also something called mail fraud (regardless of carrier) still is a crime; and gets prosecuted by government folks.

Overall have not found a company who would not stand behind their product and make a refund, if you hold them accountable. Am continually shocked when folks say they are ripped off and had to toss it in the garbage. Just not true usually. See that all the time on Amazon, yet Amazon will pay you back for anything bought via their site now.

1348. SWR/Wattmeter kits

Yahoo group: foxdelta
Date: 2016-05-23 11:28:52 UTC
From: k4mt@...
Topic: 1348 Message: 1348

I understand the wattmeter/swr kits do not properly do peak hold. I would love to build one of these kits but no peak hold is a deal breaker.

Has anyone found any mods that will make that meter read proper peak power or is it a firmware issue?

Gary K4MT

1349. 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-05-25 18:28:08 UTC
From: ke0aba@...
Topic: 1349 Message: 1349

Hello all,
Newbie. First post.
Recently built the 0914A FD antenna analyzer. On first power up, I got a steady green LED. I loaded the software and ran the Calibrate Auto for the first selection. I don't have a 50 Ohm carbon resister (yet) to run the second calibrate test. The LED glows with 3 blinks and a pause when the software is running.

I attached an antenna, hit Start and got a trace across the screen, but only a squiggly line at a constant 1.2 SWR. It worked for about a minute and then it stopped tracing.

I don't have a scope so tried to put a wire close but not touching to a receiver antenna cable to try to detect a 10MHz signal. None found but that's not conclusive due to how I did this.

I removed power, inspected the board for solder errors. Found none. Tested for power at all test points in the docs. All seems OK except I get 4.75v at 5v test points but 5.11v at the USB connect and jumper. The 3.3v test points are spot on.

I removed power and then the DDS module from its socket. Applied power again and tested points - all the same readings.
I removed power, reattached the DDS module, applied power and now get a steady BLINKING LED.

I booted the software again, and the LED glows with 3 blinks and a pause as it did at first test.
I did Calibrate Auto for the first selection again.
I attached an antenna and now get a trace again but it is still at 1.2 SWR across any selected band.
Any ideas?
Thanks in advance.
73,
Tom
KE0ABA

1350. Re: 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-05-26 14:58:22 UTC
From: chief6226@...
Topic: 1349 Message: 1350

Good grief, why would you expect a piece of test equipment to perform properly with out first a calibration?
Perform the prep and calibration, I would bet that you will get a proper outcome.
73 Bill de kd5yyk

1351. Re: 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-05-26 23:07:07 UTC
From: ke0aba@...
Topic: 1349 Message: 1351

"Good grief, why would you expect a piece of test equipment to perform properly with out first a calibration?
Perform the prep and calibration, I would bet that you will get a proper outcome.
73 Bill de kd5yyk"

You lose the bet, Bill.

Here is my outcome:

Calibration performed. No trace when attached to either of two antennas. One antenna is an end fed 53' wire and the other is a ZS6BKW. Both have been in use for over a year. I want to build a fan dipole and hence the need for this analyzer to work.

I do get a trace at the top of the scale/screen with NO antenna connected to the device at the 10.0 SWR and 0 db line on the chart but that is the only time it will generate a trace.

I tried to detect the presence of a 10MHz signal using my radio. Still nothing heard. To do that, I use a 3' PL239 patch cable attached to the antenna input to the rig and move the other end around the DDS board and the BNC connector, being careful not to make direct connection, analyzer to rig. That said, I can get a signal from the Generator tab but not when I want to do an SWR scan. On scans, connected to an antenna, the unit shows "Inf" SWR. No 10 MHz signal found, on scans or otherwise.

The SWR test outlined on the last page of the Test Guide using the 50 Ohm carbon resistor produces an "SWR out of Scale" message on the bar in the center of the window.

BTW, I'm using V6.03 of the software on a Win7 PC.

My best guess right now is that the DDS board is bad. Odd that I can get a signal out from the Generator tab but not a 10MHz scan signal.

Since you are the only responder/commenter, your opinion would be valued.

73,
Tom
KE0ABA

1352. Re: 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-05-27 10:35:28 UTC
From: tony.interalia@...
Topic: 1349 Message: 1352

This happened with a couple of these kits that I ordered. Under a microscope it was easy to see that not all the pins were actually soldered and some were very slightly not touching the pads.

We were very quickly sent replacements. Good after sales service.

Kind regards
Tony G4WIF

<snip>
My best guess right now is that the DDS board is bad. Odd that I can get a signal out from the Generator tab but not a 10MHz scan signal.

1353. Re: [foxdelta] Re: 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-05-27 03:12:15 UTC
From: Garry Foster
Topic: 1349 Message: 1353

I doubt that the DDS is bad if the generator works.

On Thu, May 26, 2016 at 7:07 PM, ke0aba@... [foxdelta] <
foxdelta@yahoogroups.com> wrote:

>
>
> "Good grief, why would you expect a piece of test equipment to perform
> properly with out first a calibration?
>
> Perform the prep and calibration, I would bet that you will get a proper
> outcome.
>
> 73 Bill de kd5yyk"
>
> --------
>
> You lose the bet, Bill.
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> the BNC connector, being careful not to make direct connection, analyzer to
> rig. That said, I can get a signal from the Generator tab but not when I
> want to do an SWR scan. On scans, connected to an antenna, the unit shows
> "Inf" SWR. No 10 MHz signal found, on scans or otherwise.
>
>

> The SWR test outlined on the last page of the Test Guide using the 50 Ohm
> carbon resistor produces an "SWR out of Scale" message on the bar in the
> center of the window.
>
>
> BTW, I'm using V6.03 of the software on a Win7 PC.
>
>
> My best guess right now is that the DDS board is bad. Odd that I can get
> a signal out from the Generator tab but not a 10MHz scan signal.
>
>
> Since you are the only responder/commenter, your opinion would be valued.
>
>
> 73,
>
> Tom
>
> KE0ABA
>
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>
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>

1354. Re: [foxdelta] Re: 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-05-27 03:14:24 UTC
From: Garry Foster
Topic: 1349 Message: 1354

Also email them as for some reason they don't like to trouble shoot here.
If they would we would have an archive of problems found and solved....

However they seem to respond much better to direct emails..

Garry W8GMF

On Thu, May 26, 2016 at 11:12 PM, Garry Foster <gmfoster@...> wrote:

> I doubt that the DDS is bad if the generator works.
>
> On Thu, May 26, 2016 at 7:07 PM, ke0aba@... [foxdelta] <
> foxdelta@yahoogroups.com> wrote:
>
>>
>>
>> "Good grief, why would you expect a piece of test equipment to perform
>> properly with out first a calibration?
>>
>> Perform the prep and calibration, I would bet that you will get a proper
>> outcome.
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>> 73 Bill de kd5yyk"
>>
>> --------
>>
>> You lose the bet, Bill.
>>
>>
>> Here is my outcome:
>>
>>
>> Calibration performed. No trace when attached to either of two antennas.
>> One antenna is an end fed 53' wire and the other is a ZS6BKW. Both have
>> been in use for over a year. I want to build a fan dipole and hence the
>> need for this analyzer to work.
>>
>>
>> I do get a trace at the top of the scale/screen with NO antenna connected
>> to the device at the 10.0 SWR and 0 db line on the chart but that is the
>> only time it will generate a trace.
>>
>>
>> I tried to detect the presence of a 10MHz signal using my radio. Still
>> nothing heard. To do that, I use a 3' PL239 patch cable attached to the
>> antenna input to the rig and move the other end around the DDS board and

>> the BNC connector, being careful not to make direct connection, analyzer to
>> rig. That said, I can get a signal from the Generator tab but not when I
>> want to do an SWR scan. On scans, connected to an antenna, the unit shows
>> "Inf" SWR. No 10 MHz signal found, on scans or otherwise.
>>
>>
>> The SWR test outlined on the last page of the Test Guide using the 50 Ohm
>> carbon resistor produces an "SWR out of Scale" message on the bar in the
>> center of the window.
>>
>>

>> BTW, I'm using V6.03 of the software on a Win7 PC.
>>
>>
>> My best guess right now is that the DDS board is bad. Odd that I can get
>> a signal out from the Generator tab but not a 10MHz scan signal.
>>
>>
>> Since you are the only responder/commenter, your opinion would be valued.
>>
>>
>> 73,
>>
>> Tom
>>
>> KE0ABA
>>
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>
>

1355. Re: [foxdelta] Re: 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-05-27 13:09:57 UTC
From: vu2fd@...
Topic: 1349 Message: 1355

Hello If no signal at BNC (when connected to PC), possibilities are:

1. In menu, must select "Generator" to get output at BNC

2. Check L1/L2 if they are good (continuity test)

3. Check Q1 volatge- approx 3.3 to 3.5V. If more than 3.5V, Q1 is damaged. If absent: check RFC1 and 33 ohms resistor.

IF no PC connectivity, First check if 20MHZ osc is running. That crystal may be bad.

For any replacement, contact me on esales@foxdelta.com or at foxdeltakits@gmail.com

73s/Dinesh Gajjar

1356. Re: 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-05-27 14:06:09 UTC
From: Jon Geissinger
Topic: 1349 Message: 1356

Check the jumper that puts the analyzer into programming mode. That kick my tail for WEEKS! Take that off.

I don't have anything in front of me right now, but that is all I can remember. (The jumper is near the DDS board)

BTW: I have FAR better results with my Millen grid dip oscillator than this device. I have specifically built (and had tested with a $10K HP network analyzer) test antennas, then put this device on them and this device shows a HUGE difference (20 to 40db) from the calibrated HP network analyzer. The Millen GDO's ONLY fault is the resolution of the dial, but this is not a rocket antenna. I could put a counter on the GDO and get fancy? But why? It works as it is.

Jon
KC3APA

1357. Re: [foxdelta] Re: 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-05-27 19:00:29 UTC
From: Garry Foster
Topic: 1349 Message: 1357

Jon
Your statement makes no sense at all. A GDO can only tell you where resonance is and this can do that with no calibration at all. It is a very accurate signal source at it worst and the reflected defiantly dips at or very near resonance. No its not a vector analyzer like the HP your comparing it to but I find t to be reasonably accurate. And I love the sweep picture instead of all the individual measurements to check an antenna across the band. It agrees very closely with all my Vswr meters at any point I have tested it. I love it and doubt that my GDO will see much more use. Now I am not crazy about the mechanical set up, for the bluetooth...

Garry W8GMF

On Fri, May 27, 2016 at 10:06 AM, Jon Geissinger jgeissin@...
[foxdelta] <foxdelta@yahoogroups.com> wrote:

>
>
> Check the jumper that puts the analyzer into programming mode. That kick
> my tail for WEEKS! Take that off.
>
> I don't have anything in front of me right now, but that is all I can

> remember. (The jumper is near the DDS board)
>
> BTW: I have FAR better results with my Millen grid dip oscillator than
> this device. I have specifically built (and had tested with a $10K HP
> network analyzer) test antennas, then put this device on them and this
> device shows a HUGE difference (20 to 40db) from the calibrated HP network
> analyzer. The Millen GDO's ONLY fault is the resolution of the dial, but
> this is not a rocket antenna. I could put a counter on the GDO and get
> fancy? But why? It works as it is.
>
> Jon
> KC3APA
>
>
>

1358. Re: [foxdelta] Re: 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-05-27 22:21:42 UTC
From: Jon Geissinger
Topic: 1349 Message: 1358

Sorry, I am well aware of the differences and the physics involved. Most people are NOT.

This device is a SWR analyzer, using a wheatstone bridge. It has the advertising appearance of being a network or antenna analyzer.

As a SWR bridge, it is poor to totally inaccurate. Pretty displays are just that, pretty displays. They bear no resemblance to the performance of any part of the circuit other than the tester.

Using it as directed, per the instructions, using all the proper software, calibration, cabling, etc... I have not seen an accurate representation of the DUT. Conceptually, it should work.

I must offset the display by at least 20 to 30 DB every time I use it. When comparing to other testing methods, I see a clean transmission line and antenna. With this device, I see what I would equate to a dummy load. I have gone to the point of using actual radio and SWR meter.

I don't have quick access to an antenna chamber (NASA Langley); would take a few weeks to get in there and the accompanied travel and access.

If you are offended by my evaluation, then provide testing that shows actual data. If no data is available, then we have a really pretty art generator.

OR, to that end, can you fix or repair the device I purchased? I will admit and stand to apologize if I am wrong.

Jon
KC3APA

1359. Re: [foxdelta] Re: 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-05-27 22:00:17 UTC
From: Jan Servaites
Topic: 1349 Message: 1359

I have found the F/D analyzer to be_one of my best test instruments_ on my test bench.
I use it maybe 30% for antenna SWR measurements, but the rest of the time, I use it to check SWR in Pi nets for both my tube amplifier's tank and RF input networks. I have used it to check SWR on the input & output transmission line transformers (TWT) on my solid state amps.
I have just finished using it to design an RF input circuit for my 4CX1500B amp that I am building. And as well as checking its tank circuit.
I really like the frequency sweep plotting on my PC and also in the signal generator mode.
I don't think there is anything close to the F/D analyzer in price, convenience, potting software and so on.
Thanks to the engineers who designed it, its a winner.
By the way, I have two of them now.
Jan N8CBX

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

1360. Re: [foxdelta] Re: 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-05-28 01:13:08 UTC
From: Garry Foster
Topic: 1349 Message: 1360

I mistype in the first sentence of the 2nd paragraph. the 1.1 to 1 VSWR was

supposed to be 1.15 to 1 VSWR
The 1.1 would be aprox 27 db down from an open short.
Garry W8GMF

On Fri, May 27, 2016 at 9:09 PM, Garry Foster <gmfoster@...> wrote:

> Jon actually they do and to check it accuracy as a bridge all one has to
> do is do the self cal and then check resistors of various values and you
> can see how accurate is is with a restive load. And with every reasonable
> value I have used it has been very close. And and Rf circuit at resonance
> is purely restive. I am sure I could post much data and it would still be
> meaningless to you. I have no desire to do that. I know it works for me and
> many others. Is it perfect no, but sure much better for analyzing RF
> circuits than a GDO...
>
> The return loss of a 1.1 to 1 VSWR is only approx 24 DB down from an open
> or a short, so I can't understand you huge offsets. Now if you are trying
> to measure down to 1.001 to VSWR then you might see such offset but you are
> way beyond the design scope of the FD analyzer. And in no mans land with a
> GDO..
> Garry W8GMF
>
> On Fri, May 27, 2016 at 6:21 PM, Jon Geissinger jgeissin@gmail.com
> [foxdelta] <foxdelta@yahoogroups.com> wrote:
>
>>
>>
>> Sorry, I am well aware of the differences and the physics involved. Most
>> people are NOT.
>>
>> This device is a SWR analyzer, using a wheatstone bridge. It has the
>> advertising appearance of being a network or antenna analyzer.
>>
>> As a SWR bridge, it is poor to totally inaccurate. Pretty displays are
>> just that, pretty displays. They bear no resemblance to the performance of
>> any part of the circuit other than the tester.
>>
>> Using it as directed, per the instructions, using all the proper
>> software, calibration, cabling, etc... I have not seen an accurate
>> representation of the DUT. Conceptually, it should work.
>>
>> I must offset the display by at least 20 to 30 DB every time I use it.
>> When comparing to other testing methods, I see a clean transmission line
>> and antenna. With this device, I see what I would equate to a dummy load.

>> I have gone to the point of using actual radio and SWR meter.
>>
>> I don't have quick access to an antenna chamber (NASA Langley); would
>> take a few weeks to get in there and the accompanied travel and access.
>>
>> If you are offended by my evaluation, then provide testing that shows
>> actual data. If no data is available, then we have a really pretty art
>> generator.
>>
>> OR, to that end, can you fix or repair the device I purchased? I will
>> admit and stand to apologize if I am wrong.
>>
>> Jon
>> KC3APA
>>
>>
>>
>
>

1361. Re: [foxdelta] Re: 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-05-28 01:09:43 UTC
From: Garry Foster
Topic: 1349 Message: 1361

Jon actually they do and to check it accuracy as a bridge all one has to do

is do the self cal and then check resistors of various values and you can see how accurate is is with a restive load. And with every reasonable value I have used it has been very close. And and Rf circuit at resonance is purely restive. I am sure I could post much data and it would still be meaningless to you. I have no desire to do that. I know it works for me and many others. Is it perfect no, but sure much better for analyzing RF circuits than a GDO...

The return loss of a 1.1 to 1 VSWR is only approx 24 DB down from an open or a short, so I can't understand you huge offsets. Now if you are trying to measure down to 1.001 to VSWR then you might see such offset but you are way beyond the design scope of the FD analyzer. And in no mans land with a GDO..
Garry W8GMF

On Fri, May 27, 2016 at 6:21 PM, Jon Geissinger jgeissin@...
[foxdelta] <foxdelta@yahoogroups.com> wrote:

>
>
> Sorry, I am well aware of the differences and the physics involved. Most

> people are NOT.
>
> This device is a SWR analyzer, using a wheatstone bridge. It has the
> advertising appearance of being a network or antenna analyzer.
>
> As a SWR bridge, it is poor to totally inaccurate. Pretty displays are
> just that, pretty displays. They bear no resemblance to the performance of
> any part of the circuit other than the tester.
>
> Using it as directed, per the instructions, using all the proper software,
> calibration, cabling, etc... I have not seen an accurate representation of
> the DUT. Conceptually, it should work.
>
> I must offset the display by at least 20 to 30 DB every time I use it.
> When comparing to other testing methods, I see a clean transmission line
> and antenna. With this device, I see what I would equate to a dummy load.
> I have gone to the point of using actual radio and SWR meter.
>
> I don't have quick access to an antenna chamber (NASA Langley); would take
> a few weeks to get in there and the accompanied travel and access.
>
> If you are offended by my evaluation, then provide testing that shows

> actual data. If no data is available, then we have a really pretty art
> generator.
>
> OR, to that end, can you fix or repair the device I purchased? I will
> admit and stand to apologize if I am wrong.
>
> Jon
> KC3APA
>
>
>

1362. Re: [foxdelta] Re: 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-05-28 15:13:06 UTC
From: ke0aba@...
Topic: 1349 Message: 1362

Thanks to all for ideas to resolve lack of output signal on AAZ-0914A unit I built last weekend. The issue was operator error...
I took photos of the build and emailed them to Dinesh at his request. He immediately found the problem. C6 was in the wrong place. I soldered it into two ground holes adjacent to the correct location. This capacitor connects the RL to the DSS, hence, no output signal.

I repaired the board and it works perfectly, as advertised. Now I can start construction on that SRI fan dipole antenna.

Thanks Dinesh for excellent service and support.

73,
Tom
KE0ABA

1363. Re: [foxdelta] Re: 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-05-28 16:41:42 UTC
From: Garry Foster
Topic: 1349 Message: 1363

That is great news, I hope you enjoy it as much as I have mine.

1364. Heard Island Dxpedition Recap

Yahoo group: foxdelta
Date: 2016-05-30 09:07:00 UTC
From: vu2fd@...
Topic: 1364 Message: 1364

Amateur Radio Roundatable
This week (May 31), Dr Bob Schmieder, KK6EK http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=a8e357b515&e=211883279c, leader of the 2016 Heard Island Dxpedition, will join us. Dr. Bob will share pictures and discuss the Dxpedition; journey, propagation, weather, logistics, overall operation, crew, scientific work, and more. The phone lines will be open for viewers to ask questions later into the interview. You will learn a lot of interesting facts about this Dxpedition.

Amateur Radio Roundtable is a live weekly amateur radio webcast, held every Tuesday night at 8 PM CT (0200 UTC Wednesday) at W5KUB.com http://w5kub.us10.list-manage1.com/track/click?u=0d5cdae05233f79e11025a75d&id=aa47dd604c&e=211883279c. The Tuesday night show is also simulcast on international shortwave station WBCQ on 5130 KHz.

Towards the end of each show, we provide a link and viewers who have a camera, microphone, and a Google+ account, can join the show. Your video and audio will be on the webcast. This part of the show is very informal and up to 10 people can join. We talk about anything the viewers want to discuss.

If you missed last week's Amateur Radio Roundtable you can here here http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=1751d5cac1&e=211883279c to watch it.
Forward this message to a Friend http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=a07edfc997&e=211883279c will allow you to share this message with your friends.

Join us for fun and interesting discussions!

Tom Medlin, W5KUB http://w5kub.us10.list-manage.com/track/click?u=0d5cdae05233f79e11025a75d&id=184cad970e&e=211883279c

1365. Re: st2 and g-5500 problems

Yahoo group: foxdelta
Date: 2016-06-10 15:29:51 UTC
From: peterfranklin399@...
Topic: 833 Message: 1365

Hello Bob, I am new to the group but am having a similar problem with my ST2 G5500 combination. In my case, the asthmuth works fine when setting it up as a 360, but the elevation is flakey if you command anything other than 0 and 90 degrees. Did you get to the bottom of your issue?

73, NX2X
Pete

1366. Re: st2 and g-5500 problems

Yahoo group: foxdelta
Date: 2016-06-10 23:33:46 UTC
From: peterfranklin399@...
Topic: 833 Message: 1366

Ok! Discovered the problem. The output voltage from the rotor controller going to pins 1 and 6 which feeds into the A to D converters for the azmuth and elevation was too high. It should be approximately 4.5 v for max elevation 180 degrees, and 4.5 v for max azmuth 450 degrees. In both cases, it was approximately 5.8v. With the rotator set to both maxes, I reduced the output voltage with the pots in the back to 4.5 v as measured with a volt meter. Repeated the calibration procedure and it works like a charm.

1367. Bluetooth Not Working with AAZ-0616

Yahoo group: foxdelta
Date: 2016-07-17 22:41:24 UTC
From: phil@...
Topic: 1367 Message: 1367

Hello all,

I just purchased the AAZ-0616 Antenna Analyzer and separately, the recommended HC-05 Bluetooth module from China. I completed the build yesterday, but ran into a problem that I cannot resolve, and hope others may be able to help.

I connected the completed analyzer through the USB interface to my laptop and it was recognized by the computer.

I ran a calibration and tested one of my antennas and generated a plot much as expected. For reference, the dual LED is steady orange.

I then tried the Bluetooth connection to my Android (Samsung Galaxy S5). I was able to pair the HC-05 module to my phone, and in doing so, the LEDs on the HC-05 module went from rapid flashing to once every two seconds or so. I am not able, however, to connect to the SWRA Explorer v1.08. I get an error message that the "SWRA board NOT found. Please power on/reset SWRA board." If I try RETRY several times, I get an error message "Error Starting Discovery Process" and I notice that the Bluetooth adapter has been turned off. Sometimes I get a "Timeout: no device found. Please power on/reset SWRA."

The other thing I notice is that even after the above mentioned errors, the phone indicates that the Bluetooth connection has been turned off, yet the HC-05 continues flashing at a once per two seconds rate as if it is still connected. In all cases described above for the Bluetooth connection, the dual LED on the board flashes between green and orange. Restarting the 0616 does not bring back the paired connection with the HC-05, but causes the HC-05 LEDs to flash rapidly.

After the various failures mentioned above occur, if I go back to the Bluetooth settings on my phone, the HC-05 continues to show being paired, however in the list of nearby devices, nothing is found. If I unpair the HC-05 and then re-pair it, it once again connects and the LEDs on the Bluetooth module switch to the slow flash rate, but as above, it does not connect through the SWRA Explorer.

Any idea what is wrong?

73,

Phil Horkin
AF7GY

1368. Re: Problems with Bluetooth board BT2

Yahoo group: foxdelta
Date: 2016-07-17 23:08:14 UTC
From: phil@...
Topic: 1286 Message: 1368

Richard,

I am having a similar problem I believe. Here are my symptoms:

I bought the new AAZ-0616 antenna analyzer that replaced the 0914 version. When connected to my laptop via the USB connection, everything works as expected. For reference, the dual LED is steady orange.

I then tried the Bluetooth connection to my Android (Samsung Galaxy S5). I was able to pair the HC-05 module to my phone, and in doing so, the LEDs on the HC-05 module went from rapid flashing to once every two seconds or so. I am not able, however, to connect to the SWRA Explorer v1.08. I get an error message that the SWRA board NOT found. Please power on/reset SWRA board. If I try RETRY several times, I get an error message Error Starting Discovery Process and I notice that the Bluetooth adapter has been turned off. Sometimes I get a Timeout: no device found. Please power on/reset SWRA.

The other thing I notice is that even after the above mentioned errors, when the phone indicates that the Bluetooth connection has been turned off, the HC-05 continues flashing at a once per two seconds rate. In all cases described above, the dual LED on the board flashes between green and orange. Restarting the 0616 does not bring back the paired connection with the HC-05, but causes the HC-05 LEDs to flash rapidly.

After the various failures mentioned above occur, if I go back to the Bluetooth settings on my phone, the HC-05 continues to show being paired, however in the list of nearby devices, nothing is found. If I unpair the HC-05 and then re-pair it, it once again connects and the LEDs switch to the slow flash rate, but as above, it does not connect through the SWRA Explorer.

I posted a slight variation of this message to try and get some help. Dinesh was not able to help me directly and suggested I post on this forum. I expect there is a common problem, so we ought to copy each other on any progress.

Regards,

Phil Horkin
AF7GY

1369. Free Over stocked ICs

Yahoo group: foxdelta
Date: 2016-08-08 04:40:43 UTC
From: vu2fd@...
Topic: 1369 Message: 1369

GM

I am working on my inventory and found many ICs that I will not be using in present or future projects. If you are a homebrewer, have a look at the list. They are priced at 1 Cent each. You will only pay Registered Airmail postage.

All ICs are brand new, most purchased by me and many received as samples from IC manufacturers.

http://www.foxdelta.com/shopping/freeparts.htm http://foxdelta.com/shopping/freeparts.htm

Later, I will add more parts which includes Ceramic tubes and other components

73s/Dinesh Gajjar

1370. ST2-0816 Satellite Tracking Interface for Yaesu G5400/5500

Yahoo group: foxdelta
Date: 2016-08-25 12:16:06 UTC
From: vu2fd@...
Topic: 1370 Message: 1370

Hello

In addition to ST2-RS232 kits, now USB version of ST2 is available in kit/Assembled.
Project details are uploaded and kits should be ready in a week's time.

Check details here:

http://www.foxdelta.com/products/st2-0816.htm
http://www.foxdelta.com/products/st2-0816.htm

1371. AAZ-0914A Frequency scan frequency off

Yahoo group: foxdelta
Date: 2016-08-31 20:31:01 UTC
From: kf7dur@...
Topic: 1371 Message: 1371

I was testing a new antenna installation today and noticed when I scanned the 40m band the scale on the bottom of the screen did not agree with the frequency displayed when I moved the cursor across the screen.
The bottom of the screen shows 7.0 on the left 7.2 in the middle and 7.3 on the right. When I move the cursor over the 7.2 it shows 7.15 on the screen. The left and right readings are correct. This happens on other bands as well.I tried another AAZ-0914A and computer with the same results. After the antenna installation was done we tested again with a 130' coax in the shack and 7.2 read 7.2 like it was supposed to. My analyzer is still showing the error. What's going on?

Ken
KF7DUR

1372. AAZ-914... two issues

Yahoo group: foxdelta
Date: 2016-09-14 19:52:26 UTC
From: Adrian Chendea
Topic: 1372 Message: 1372

Hi,
Recently I discovered that my bench power supply is generating high voltage spike at power off.Unefortunately I discovered that , after I destroyed my marvelous AAZ-914 device during my first tests with the HC-05 bluetooth module..The PIC microcontroller , the DDS chip, the ERA3 amplifier and the AMS 5V regulator ... all are gone.
Two days ago I succeded to bring it back alive , replacing the broken components, and of course programming the PIC.1. Now, the device is almost like a new one. I say "almost" because I have an issue : I can't calibrate the generator. When I press the "Save" Button, I get : " ERROR saving calibration values " .The issue is not fatal because at 10MHz for example, the frequency offset between the target and the measured value is ~18Hz,but I wonder why this behaviour ? Before never happened !NOTE : it was my first time for me to programm a PIC microcontroller. Could be this the cause ? It was possible to miss something ?(I used a compatible JDM programmer, the PicPgm programming software and the hex files downloaded from the Foxdelta site).

2. On my Android mobile phone the SWRA application has an abnormal behavior :A. If the jumper LB is not fitted :-the conecting process to the HC-05 module is easy after the application start, but impossible after a rising error. I have to close the application and than to start it again.-once connected to the HC-05 module, the buttons "Gen" and "Scan/Save" became active after a long time : ~20 sec.-after I press the "Scan/Save button allways I get the error "Exit scan cycle due to a communication error". On the HC-05 module the LED is flashing like it would be connected, but the SWRA application says : "Timeout-no device found. Please power on/reset SWRA."-if I get into the Generator screen, no signal is generatedB. The jumper LB is fitted, -once connected to the HC-05 module, the buttons "Gen" and "Scan/Save" became active immediately.-the button "Scan/Save" is triggering the scanning cycle (the button changes in "Stop"), but nothing happens on the screen. No error-if I get into Generator screen ... surprise !!! ... the Generator is working fine !!!
And I wonder again : Did I miss something programming the PIC?

73 de Adiyo7fey

1373. Re: AAZ-914... two issues

Yahoo group: foxdelta
Date: 2016-09-15 00:38:31 UTC
From: vu2fd@...
Topic: 1372 Message: 1373

Hello Adi
Thank you for details.
I am interested in knowing if you re-programmed the original PIC (after damage) or programmed a new PIC with V6.02 FW

73s/Dinesh Gajjar

1374. Re: 0914 Antenna Analyzer

Yahoo group: foxdelta
Date: 2016-09-15 08:27:18 UTC
From: charles.bedard3@...
Topic: 1349 Message: 1374

Since it is not very hard to do (the PIC has a built in bootloader) you could try reloading the latest version of the firmware. Make sure you have the right files though.

1375. AAZ-0616 Analyzer Supply voltage problems

Yahoo group: foxdelta
Date: 2016-09-15 19:21:31 UTC
From: charles.bedard3@...
Topic: 1375 Message: 1375

I've been doing some trouble shooting on my board post self destruct of my PIC. With power coming off of the USB connector (pin 1) I am seeing a .23v drop (i.e. 4.73v ath the +5v/C16 BOARD tap). The Schlocky diode apparently is giving me this voltage drop. Has anyone else observed this when testing their 0616 board?

1376. Re: AAZ-914... two issues

Yahoo group: foxdelta
Date: 2016-09-15 18:31:05 UTC
From: Adrian Chendea
Topic: 1372 Message: 1376

Hello Dinesh,Hello Charles,
No, the original PIC can't be used anymore. In 10-15 seconds after +5V is applied, it's body becames extremely hot .So I bought a new one.Initially I used the SWRA v6.02 full.hex file for programming .And later , using the bootloader, I used the SWRA v6.02 update.hex file.Both files were taken from the foxdelta site.
With the first file, for 10 MHz displayed, the real frequency was 10.334 MHz .With the second file , for 10 MHz displayed, the real frequency was 9.999992 MHz.With any of these files the generator calibration failed. (But the swr calibration worked ok.)

1377. USB Sound Card Interface

Yahoo group: foxdelta
Date: 2016-10-08 12:02:40 UTC
From: vu2fd@...
Topic: 1377 Message: 1377

A New project: SC3, based on USB audio chip PCM2902E, is uploaded and kits are now ready.

Please visit project webpage at:

Fox Delta SC3::PCM2902E Based sound card interface
http://www.foxdelta.com/products/sc3.htm

http://www.foxdelta.com/products/sc3.htm

Fox Delta SC3::PCM2902E Based sound card interface
http://www.foxdelta.com/products/sc3.htm Digital communication sound card interface by fox delta

View on www.foxdelta.com http://www.foxdelta.com/products/sc3.htm
Preview by Yahoo

Project uses Bourns SMT transformers for audio isolation, PCM2902 on a carrier module, an adjustable VOX and optically isolated PTT.
Transceiver connections available at RJ45 connector.
USB audio is HID and three push buttons work with HID control

73s/Dinesh Gajjar

1379. ST2 RS232 - replacement by USB to TTL converter

Yahoo group: foxdelta
Date: 2016-10-28 08:19:22 UTC
From: paulvermeersch@...
Topic: 1379 Message: 1379

Hi aal,

last week i've bought a new PC.
But there is no serial connector anymore.
So i looked around the internet for a solution and there is an USB-dongle for USB to TTL converter.
I ordered one with aliexpress(2-3 weeks delivery time)

Does anyone has experience to do this?
How did you inegrate this in your ST2?

I'll inform you with my progress in this matter.

Regards,

Paul

1380. Fox Track/GPS Problem

Yahoo group: foxdelta
Date: 2016-10-29 23:50:19 UTC
From: kb3oza.groups@...
Topic: 1380 Message: 1380

First of, my apologies if this seems long winded. I just wanted to give an accurate picture of what I have checked and what I have done so far so as to eliminate some of the obvious questions. I recently received my Fox Track and got it assembled without issue. The problem seems to be that it is not recognizing the NMEA data from the GPS and therefore not forming and sending the APRS packets to the radio.

Observations/Indications of the FT:
The yellow GPS LED indicator flashes 3 times at power on.
The red CD LED will light if I turn the squelch down to zero and turn the volume up enough to introduce audio hiss.
I get no indication from the GPS LED that it sees incoming data.
I can get the FT to key the radio (Baofeng UV-5R) by pressing the "Instant TX" switch, PB1. It keys the radio for 1 -2 seconds.
I read a signal on J2-2, SERIAL IN, as well as pin 3 of the PIC.

GPS info:
I'm using a QLG-1 GPS from QRP Labs. All indicators on the GPS show normal operation. I am using an identical unit with my QPR Labs U3 WSPR beacon with no problems,

I have checked both of the PCBs several times for solder bridges, cold or dry joints and misaligned (i.e. backwards) components. It all seems to look good. I've also retouched all of the solder joints just to be sure.

In reading the QLG-1 documentation, I found that it transmits data at 9600 baud. I was unable to find any information on what the FT expects for incoming data rate. That raises the question of what is the expected data rate and can the firmware be changed so that they are at the same rate?

One last thing. I have used this radio and cable with a Byonics Piccon for fox hunting with no problems.

Thanks in advance for your help.

73,
Tim KB3OZA

1381. Re: Fox Track/GPS Problem

Yahoo group: foxdelta
Date: 2016-10-30 00:57:51 UTC
From: vu2fd@...
Topic: 1380 Message: 1381

Hello

FT is a very basic tracker and FW is set for 4800 baud GPS only.
There are many serial TTL / RS232 level GPS in market with 4800 baud data out, they should work well. There are some with default 9600 but can be configured to 4800.

73s/Dinesh Gajjar

1382. Re: Fox Track/GPS Problem

Yahoo group: foxdelta
Date: 2016-10-30 04:06:30 UTC
From: kb3oza.groups@...
Topic: 1380 Message: 1382

Thanks for the info Dinesh. I guess I'll have to do some research to either reconfigure the GPS that I have or find another on that will provide the data rate I need. I'll let you know what I find.

73,
TI'm KB3OZA

1383. Rotator controller

Yahoo group: foxdelta
Date: 2016-12-04 06:16:13 UTC
From: davhop@...
Topic: 1383 Message: 1383

Gentlemen,
Just pt a USB rotator controller and on startup It displays an error message on the top line.

"Warning: Bad EPROM Data"

Anyone know what is causing this.

Thanks

David

1384. Re: Rotator controller

Yahoo group: foxdelta
Date: 2016-12-04 20:05:06 UTC
From: mike.raide@...
Topic: 1383 Message: 1384

I have the same problem on mine as well. Also received the bulletin about the bad 7805 silk 1 day too late, and I have a board that is now useless. I have bought 2 of these boards now, and both do not work.I have wasted 130 dollars and a months time waiting for these sat controllers, just to be met with poor documentation, and failed EEPROM's and another board that just displays solids bars on the display. An absolute waste of time and money. Buyer definitely beware of any Fox Delta products.

Mike, W2ZE

1385. Re: Rotator controller

Yahoo group: foxdelta
Date: 2016-12-05 00:02:22 UTC
From: vu2fd@...
Topic: 1383 Message: 1385

Hello

Bad EEPROM message is not a defect but indication that config is not done on ST2. All you need is to enter setup and feed needed info about your rotor and brakes etc. Save setup and at next start up, this message will not come.

I give all my support for bad parts, LCD, PIC etc. Contact me and I will answer and send replacements.
So far, most kits have good report of parts quality and very few failures. As I can not test each component included in kits, there will be some failed parts in some kits.

73s/Dinesh Gajjar

1386. Re: Rotator controller

Yahoo group: foxdelta
Date: 2016-12-05 00:05:17 UTC
From: vu2fd@...
Topic: 1383 Message: 1386

Hello David, I answered you about this to your email but I repeat again:

Bad EEPROM message is not a defect but indication that config is not done on ST2. All you need is to enter setup and feed needed info about your rotor and brakes etc. Save setup and at next start up, this message will not come.

73s/Dinesh Gajjar

1387. yaesu rotor connectors

Yahoo group: foxdelta
Date: 2016-12-05 18:01:34 UTC
From: hfdxer@...
Topic: 1387 Message: 1387

where can I get the metal connectors for older rotors looks like audio con??

1388. Re: yaesu rotor connectors

Yahoo group: foxdelta
Date: 2016-12-06 01:06:36 UTC
From: Steve Fabricant
Topic: 1387 Message: 1388

Check eBay
http://www.ebay.com/itm/GX25-2Pin-XLR-Flange-Aviation-plug-Ham-Radio-25mm-Panel-waterproof-Communication-/131552615787

This will have links to other numbers of pins for the same style connector. The pair I got is excellent.

Steve JS6TMW

1389. AAZ-0616 Troubleshooting

Yahoo group: foxdelta
Date: 2017-01-15 16:30:16 UTC
From: steve@...
Topic: 1389 Message: 1389

I need a little help with troubleshooting the AAZ-0616 I just put together. Essentially I have a 10Mhz signal on both the output and ground of the BNC. It shows that my dummy load has an SWR of about 10. Using the troubleshooting guide I have verified both voltages and frequencies on the test points listed, and resistance is correct from signal to ground on the BNC. However there is a marked +5 on the back of the board at FBX4 that does not appear to have voltage. A visual inspection looks good for the work I have done but of course I may be overlooking something.
Steve
N4IK

1390. Re: AAZ-0616 Troubleshooting

Yahoo group: foxdelta
Date: 2017-01-21 19:24:06 UTC
From: charles.bedard3@...
Topic: 1389 Message: 1390

re: Troubleshooting:

Steve, the easy one first. At the trace near FBX4 there is a connection to pin 2 of the mini-USB port. This is for providing regulated power as an alternative to the USB port. Nice bit of background information. However: regardless of power source, there should be 5+ on the line by FBX4. You may have some cold joints. I don't know how well you succeeded with following the troubleshooting guide (http://www.foxdelta.com/products/infinity/AAZ-0914A/AAZ-0914A-Troubleshooting-Guide.pdf) and testing guide (http://www.foxdelta.com/products/infinity/AAZ-0914A/SWRA-TestingGuide-i2tzk.pdf) but if you followed those and still did not find your problem I would say try checking for 5v (assuming the board is powered) on both sides of FBX2 and FBX3 to track down the break.

As for the signal on the output and ground. it sounds like there may be a solder bridge somewhere. Very difficult to trace. Try cleaning the solder side with a good, non acid, non residue flux cleaner and reinspecting visually.

good luck.

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Steve
N4IK

1391. RE: [foxdelta] AAZ-0616 Troubleshooting

Yahoo group: foxdelta
Date: 2017-01-16 02:59:07 UTC
From: k7sfn@...
Topic: 1389 Message: 1391

Hi Steve,Unfortunately, I am out of the country and cannot help at the moment. Will not be returning home until February 10th. I have forwarded your email to Dinesh, and sure he will be contacting you.
Frank - K7SFN

----------From:
"steve@... [foxdelta]"
To:
Cc:
Sent: 16-Jan-2017 00:42:28 +0000
Subject: [foxdelta] AAZ-0616 Troubleshooting

I need a little help with troubleshooting the AAZ-0616 I just put together. Essentially I have a 10Mhz signal on both the output and ground of the BNC. It shows that my dummy load has an SWR of about 10. Using the troubleshooting guide I have verified both voltages and frequencies on the test points listed, and resistance is correct from signal to ground on the BNC. However there is a marked +5 on the back of the board at FBX4 that does not appear to have voltage. A visual inspection looks good for the work I have done but of course I may be overlooking something.

Steve

N4IK

Links:
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[1]
https://groups.yahoo.com/neo/groups/foxdelta/conversations/messages/1389;_ylc=X3oDMTJxNDA2ZHZpBF9TAzk3MzU5NzE0BGdycElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMzg5BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTQ4NDUyNzM0Nw--?act=reply&messageNum=1389
[2]
mailto:steve@...?subject=Re%3A%20AAZ-0616%20Troubleshooting
[3]
mailto:foxdelta@yahoogroups.com?subject=Re%3A%20AAZ-0616%20Troubleshooting
[4]
https://groups.yahoo.com/neo/groups/foxdelta/conversations/newtopic;_ylc=X3oDMTJmYWtpZWxlBF9TAzk3MzU5NzE0BGdycElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNudHBjBHN0aW1lAzE0ODQ1MjczNDc-
[5]
https://groups.yahoo.com/neo/groups/foxdelta/conversations/topics/1389;_ylc=X3oDMTM1dmEycGQyBF9TAzk3MzU5NzE0BGdycElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMzg5BHNlYwNmdHIEc2xrA3Z0cGMEc3RpbWUDMTQ4NDUyNzM0NwR0cGNJZAMxMzg5

[6] https://yho.com/1wwmgg
[7] https://groups.yahoo.com/neo/groups/foxdelta/info;_ylc=X3oDMTJmaHJhOTI2BF9TAzk3MzU5NzE0BGdycElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzE0ODQ1MjczNDc-
[8] https://groups.yahoo.com/neo/groups/foxdelta/members/all;_ylc=X3oDMTJndHQ5aHQwBF9TAzk3MzU5NzE0BGdycElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxNDg0NTI3MzQ3
[9] https://groups.yahoo.com/neo;_ylc=X3oDMTJldWU1Y2FvBF9TAzk3NDc2NTkwBGdycElkAzE2Nzk3MjAwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQ4NDUyNzM0Nw--
[10] https://info.yahoo.com/privacy/us/yahoo/groups/details.html
[11] mailto:foxdelta-unsubscribe@yahoogroups.com?subject=Unsubscribe
[12] https://info.yahoo.com/legal/us/yahoo/utos/terms/

1392. RE: [foxdelta] Re: AAZ-0616 Troubleshooting

Yahoo group: foxdelta
Date: 2017-01-23 00:07:39 UTC
From: Stephen West-Fisher
Topic: 1389 Message: 1392

I have since found out that my frequency counter is “questionable” on the 10Mhz signals. Another counter only shows the 125Mhz on the DDS but nothing on the crystal. Unfortunately I may not have much time to look at it again until next weekend.

Thanks,

Steve

--

Stephen West-Fisher

N4IK

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
Sent: Saturday, January 21, 2017 2:24 PM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Re: AAZ-0616 Troubleshooting

re: Troubleshooting:

Steve, the easy one first. At the trace near FBX4 there is a connection to pin 2 of the mini-USB port. This is for providing regulated power as an alternative to the USB port. Nice bit of background information. However: regardless of power source, there should be 5+ on the line by FBX4. You may have some cold joints. I don't know how well you succeeded with following the troubleshooting guide (http://www.foxdelta.com/products/infinity/AAZ-0914A/AAZ-0914A-Troubleshooting-Guide.pdf) and testing guide (http://www.foxdelta.com/products/infinity/AAZ-0914A/SWRA-TestingGuide-i2tzk.pdf) but if you followed those and still did not find your problem I would say try checking for 5v (assuming the board is powered) on both sides of FBX2 and FBX3 to track down the break.

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good luck.

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Steve

N4IK

1393. selling AAZ-0914A antenna analyzer

Yahoo group: foxdelta
Date: 2017-01-23 11:30:16 UTC
From: ktjensen1994@...
Topic: 1393 Message: 1393

Hello All. selling off my Fox Delta AAZ-0914A antenna analyzer (works great) for whatever a reasonable price is, shipped in the USA. Its on QRZ for $45 including shipping, but I will take reasonable offers.

Includes a USB cable so you can plug it right into your laptop and start using it immediately with your antenna.

N1KTJ
Kevin

Email me via QRZ email address and I will respond.

1394. RE: [foxdelta] Re: AAZ-0616 Troubleshooting

Yahoo group: foxdelta
Date: 2017-01-29 15:51:26 UTC
From: Stephen West-Fisher
Topic: 1389 Message: 1394

It looks like the voltages are correct using either input. I’ve checked all the FBXs and I have correct voltage on them, and gone back through the testing and troubleshooting guides.

Unfortunately my antique scope is DOA so I am down to a frequency counter (actually two since the old one seems a little questionable) and a VOM.

I do have 125Mhz to pin 9 of the DDS. Since I am not getting 20Mhz on the PIC pins 9 and 10, I thought perhaps the crystal was bad so I removed it but it tests OK out of the circuit. Does this point to the PIC being bad? I have checked continuity to the traces for the PIC.

Thanks,

Steve

--

Stephen West-Fisher

N4IK

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
Sent: Saturday, January 21, 2017 2:24 PM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Re: AAZ-0616 Troubleshooting

re: Troubleshooting:

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Steve

N4IK

1395. RE: [foxdelta] Re: AAZ-0616 Troubleshooting

Yahoo group: foxdelta
Date: 2017-01-31 05:25:02 UTC
From: charles.bedard3@...
Topic: 1389 Message: 1395

Steve,

I had a problem similar to this with my 0616. In my case it turned out that the crystal was bad. I replaced it and all was good. Can I ask how you tested the crystal outside the circuit? Did you use a crystal tester and measure a good 20 MHz?

As for the PIC, if one of the fuses were somehow reset for OSC1 and OSC2, that could be causing the problem. Can't be sure but internally there is little to blow out in the chip.

Now, when my 0616 was acting like that foxdelta sent me a replacement crystal and a replacement PIC. I didn't have to use the PIC so if you are sure the crystal is good I would be glad to send you the PIC with programing in if you would like to try. I only ask for the bad PIC in return. (I have a couple of Arduinos that I want to try as programmers for the PIC16s.

So, try and get the crystal to oscillate at 20 MHz and if it does, solder it back in and send me the PIC. It may not be the solution but it shouldn't hurt to try.

KB3VBK

It looks like the voltages are correct using either input. I’ve checked all the FBXs and I have correct voltage on them, and gone back through the testing and troubleshooting guides. Unfortunately my antique scope is DOA so I am down to a frequency counter (actually two since the old one seems a little questionable) and a VOM.
I do have 125Mhz to pin 9 of the DDS. Since I am not getting 20Mhz on the PIC pins 9 and 10, I thought perhaps the crystal was bad so I removed it but it tests OK out of the circuit. Does this point to the PIC being bad? I have checked continuity to the traces for the PIC.

Thanks,
Steve

--

1396. Re: AAZ-0616 Troubleshooting

Yahoo group: foxdelta
Date: 2017-02-01 04:59:16 UTC
From: larry@...
Topic: 1389 Message: 1396

Similar problems here - there is a recommendation to remove two resistors (somewhere on the forum) that apparently pull voltage levels down at key locations on the pcb. I was seeing some of the same things you are before I removed them - once out - the device worked fine. Have you seen that mod ? if not, I'll dig it out - don't remember the details off the top!

1397. RE: [foxdelta] Re: AAZ-0616 Troubleshooting

Yahoo group: foxdelta
Date: 2017-02-01 22:41:58 UTC
From: Stephen West-Fisher
Topic: 1389 Message: 1397

Yes, I removed the crystal from the board and used a crystal tester.

A new ‘scope is supposed to show up this evening so I can look at the signal in the crystal circuit – I did measure about 2 volts with a VOM.

I’m think my next move might be to purchase a new PIC, I’d like to have a programmer J

Thanks,

Steve

--

Stephen West-Fisher

N4IK

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
Sent: Tuesday, January 31, 2017 12:25 AM
To: foxdelta@yahoogroups.com

Subject: RE: [foxdelta] Re: AAZ-0616 Troubleshooting

Steve,

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Thanks,

Steve

--

1398. RE: [foxdelta] Re: AAZ-0616 Troubleshooting

Yahoo group: foxdelta
Date: 2017-02-01 22:47:20 UTC
From: Stephen West-Fisher
Topic: 1389 Message: 1398

I did a search on the forum and couldn’t find anything about the resisters so if you could dig it up that would be great!

Thanks,

Steve

--

Stephen West-Fisher

N4IK

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
Sent: Tuesday, January 31, 2017 11:59 PM
To: foxdelta@yahoogroups.com
Subject: [foxdelta] Re: AAZ-0616 Troubleshooting

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1399. RE: [foxdelta] Re: AAZ-0616 Troubleshooting

Yahoo group: foxdelta
Date: 2017-02-02 02:04:28 UTC
From: Stephen West-Fisher
Topic: 1389 Message: 1399

‘scope showed up.

20Mhz on pin 10, pretty much nothing on pin 9.

Even though I had removed the crystal before and tested it, I went ahead and replaced it with another. Now I have 20Mhz on both pins so the crystal must have been part of the problem. Still don’t have output.

I’ll start tracing back tomorrow.

Steve

--

Stephen West-Fisher

N4IK

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
Sent: Wednesday, February 1, 2017 5:42 PM
To: foxdelta@...m
Subject: RE: [foxdelta] Re: AAZ-0616 Troubleshooting

Yes, I removed the crystal from the board and used a crystal tester.

A new ‘scope is supposed to show up this evening so I can look at the signal in the crystal circuit – I did measure about 2 volts with a VOM.

I’m think my next move might be to purchase a new PIC, I’d like to have a programmer J

Thanks,

Steve

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Stephen West-Fisher

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Thanks,

Steve

--

1400. RE: [foxdelta] Re: AAZ-0616 Troubleshooting

Yahoo group: foxdelta
Date: 2017-02-03 00:16:39 UTC
From: Stephen West-Fisher
Topic: 1389 Message: 1400

I’m almost embarrassed to admit the fault!

After noticing that there was no output from the DDS, I started running the calibrate routine while watching the outputs of the PIC. Noticing that they all looked good, my first thought was that the DDS was bad. Then I remembered/noticed the H1 pads, and recalled that for some DDS you used it, and for another you didn’t. Man it’s hard to read those markings – but I needed the jumper. Now she works a treat!

Thanks,

Steve

--

Stephen West-Fisher

N4IK

From: foxdelta@yahoogroups.com [mailto:foxdelta@yahoogroups.com]
Sent: Wednesday, February 1, 2017 9:04 PM
To: foxdelta@yahoogroups.com
Subject: RE: [foxdelta] Re: AAZ-0616 Troubleshooting

‘scope showed up.

20Mhz on pin 10, pretty much nothing on pin 9.

Even though I had removed the crystal before and tested it, I went ahead and replaced it with another. Now I have 20Mhz on both pins so the crystal must have been part of the problem. Still don’t have output.

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Steve

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Thanks,

Steve

--

Stephen West-Fisher

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To: foxdelta@yahoogroups.com
Subject: RE: [foxdelta] Re: AAZ-0616 Troubleshooting

Steve,

I had a problem similar to this with my 0616. In my case it turned out that the crystal was bad. I replaced it and all was good. Can I ask how you tested the crystal outside the circuit? Did you use a crystal tester and measure a good 20 MHz?

As for the PIC, if one of the fuses were somehow reset for OSC1 and OSC2, that could be causing the problem. Can't be sure but internally there is little to blow out in the chip.

Now, when my 0616 was acting like that foxdelta sent me a replacement crystal and a replacement PIC. I didn't have to use the PIC so if you are sure the crystal is good I would be glad to send you the PIC with programing in if you would like to try. I only ask for the bad PIC in return. (I have a couple of Arduinos that I want to try as programmers for the PIC16s.

So, try and get the crystal to oscillate at 20 MHz and if it does, solder it back in and send me the PIC. It may not be the solution but it shouldn't hurt to try.

KB3VBK

It looks like the voltages are correct using either input. I’ve checked all the FBXs and I have correct voltage on them, and gone back through the testing and troubleshooting guides.

Unfortunately my antique scope is DOA so I am down to a frequency counter (actually two since the old one seems a little questionable) and a VOM.

I do have 125Mhz to pin 9 of the DDS. Since I am not getting 20Mhz on the PIC pins 9 and 10, I thought perhaps the crystal was bad so I removed it but it tests OK out of the circuit. Does this point to the PIC being bad? I have checked continuity to the traces for the PIC.

Thanks,

Steve

--

1401. Re: Bluetooth Not Working with AAZ-0616

Yahoo group: foxdelta
Date: 2017-02-03 02:23:51 UTC
From: smhawkes@...
Topic: 1367 Message: 1401

Your experience with this is exactly the same as mine. To further test my unit I connected it to an older tablet I have that is running Android 4.4 and it worked perfectly. Others seem to have the same problems, it works on old Android versions but not on the newer versions. I would guess the app needs to be updated to support the latest Android versions but who knows if or when that will happen. If the app is not going to be upgraded I wish the listing would be changed to indicate the limitations of the bluetooth module.

1402. another Inifinite SWR issue

Yahoo group: foxdelta
Date: 2017-02-05 06:27:21 UTC
From: dan.schipman@...
Topic: 1402 Message: 1402

Today I tested out the Bluetooth feature with an older Samsung phone. Once I was done, I went back upstairs and tested it again on the PC via USB and noticed it displayed an Inf SWR. I checked this board and tried checking several items and so far the voltage looks ok, I can generate a signal on teh bnc and pick it up on a shortwave receiver, I checked continuity from three traces from dds to the pic. Any other things to check? I don't understand why it was working fine until I started connecting to the bluetooth.

thanks

Dan
KJ4ODS

1403. Re: another Inifinite SWR issue

Yahoo group: foxdelta
Date: 2017-02-05 15:56:36 UTC
From: dan.schipman@...
Topic: 1402 Message: 1403

and if I put a 75ohm resistor on the bnc I get around 1.43SWR and 15.0db on the Generator.
I only get inf swr if I connect an antenna via coax cable.

1404. Re: another Inifinite SWR issue

Yahoo group: foxdelta
Date: 2017-02-05 18:10:22 UTC
From: dan.schipman@...
Topic: 1402 Message: 1404

I have also run the multiscan tests and I get around 1.05-1.010 on a 50ohm dummy load and the db level on my open/short ratio is around 1.05db

1405. Re: another Inifinite SWR issue

Yahoo group: foxdelta
Date: 2017-02-06 13:39:37 UTC
From: Steve Fabricant
Topic: 1402 Message: 1405

Is it possible that the Bluetooth signal is getting into the detector circuitry? I suggest that because the AA is extremely sensitive to extraneous signals such as AM broadcast band signals. Maybe there's a ground loop or bad shield connection.

JS6TMW

1406. Re: another Inifinite SWR issue

Yahoo group: foxdelta
Date: 2017-02-08 01:13:12 UTC
From: dan.schipman@...
Topic: 1402 Message: 1406

Thanks for the tip. I went an re-heated the connections for the bluetooth module and the connections on U1 (especially the area where the two pins are soldered together) and it seems to be working now. Weird.. I'm not sure exactly which one fixed it but its responding to a lower SWR reading whenever I tune my LDG Z100 for a portion of the band and then check it on the Fox Delta. Each time the SWR dips wherever I tuned.

Thanks again

1407. Foxview3 aprs

Yahoo group: foxdelta
Date: 2017-02-11 11:28:43 UTC
From: claidit@...
Topic: 1407 Message: 1407

Hello, when it will be available kit or pcb Foxview3 for aprs? the new version ....
? thanks Fabio

1408. Re: Foxview3 aprs

Yahoo group: foxdelta
Date: 2017-02-12 11:05:15 UTC
From: vu2fd@...
Topic: 1407 Message: 1408

Hello

New FoxVeiw with 4x20 LCD is in plan but require redesign to use TCM3105 in place of MX614
It may take sometime.

73s/Dinesh Gajjar

1409. Antenna Analyser

Yahoo group: foxdelta
Date: 2017-02-12 11:13:29 UTC
From: vu2fd@...
Topic: 1409 Message: 1409

Hello

Many hams are looking for and asking about availbility of AAZ-0616 kits.
I have not re-run PCBs for AAZ-0616 because we intend to replace DDS chips (AD9850/51) as they are getting tough to get and expensive.

New design is under test which uses Si5351 as a signal generator. A small adapter module is specially made for AAZ kits and for all other kits that requires RF Signal source. Module uses all SMT parts and will be available in fully assembled and tested.

Si5351 Modules are ready and New Antenna Analyser kits are expected to be ready by end of February of First week of March.

Those wish to use Si5351 module in their own project, they are available. Please visit:

http://www.foxdelta.com/products/si5351.htm http://www.foxdelta.com/products/si5351.htm

We will post update info on new AAZ kits here on this group.

73s/Dinesh Gajjar

1410. 0914 Antenna Analyzer Not Working

Yahoo group: foxdelta
Date: 2017-02-19 05:55:55 UTC
From: deju5us@...
Topic: 1349 Message: 1410

Hello All, I have built the analyser, which worked first time and continued to do so for some time. Then it ceased working. My computer will now not detect the analyser and the green LED no longer lights.

I have checked for short circuits, dry joints and gone through all the suggested trouble shooting list. All has been found OK.

I have found that the 20 mhz oscillator works, and I can detect a 125 mhz signal as well as the 10 mhz signal (checked with a little hand held scanner. seems to be sufficient level there). There is 0 volts on pin 11 of the PIC. Both jumpers are in the correct positions. I have re downloaded the software and reinstalled it on my laptop.

This is a great little unit and, while I am happy to buy another kit if I have to, any suggestions would be very welcome.

Regards, John

1411. New Antenna Aanlyzer

Yahoo group: foxdelta
Date: 2017-03-07 09:24:37 UTC
From: vu2fd@...
Topic: 1411 Message: 1411

Hello
DDS based HF antenna analyzer kits : AAZ-0616 were put off due to trouble in getting DDS chips.
We have a new design ready which uses Si5351 chips.

Expect to get new kits ready in about 10-15 days.
Here is a link to new webpage of new HF antenna analyzer which should go to 60+ MHZ.
Although, capable to work (Generator and Software) to over 160MHZ, this model of our HF analyzer will be good to approx 60MHZ. Restriction to upper frequency due to LPF, Board layout etc.

Please check preliminary project info here: http://www.foxdelta.com/products/aaz-0217.htm
http://www.foxdelta.com/products/aaz-0217.htm

73s/Dinesh Gajjar

1412. Re: New Antenna Aanlyzer

Yahoo group: foxdelta
Date: 2017-03-12 03:51:34 UTC
From: ve3hdj@...
Topic: 1411 Message: 1412

Dinesh,

Is the new si5351 sub boards backward or pin compatible to the older analyzer boards??

D. Scheeringa

1413. Re: New Antenna Aanlyzer

Yahoo group: foxdelta
Date: 2017-03-13 00:59:48 UTC
From: vu2fd@...
Topic: 1411 Message: 1413

GM

No, present Si5351 module is specific to new AAZ hardware and not pin compatible with AD9850/DDS modules.

Si5351 generates square wave whereas DDS generates sine wave. Also, control data is different, as Si5351 is an I2C and requires 3.3V (and level shift from 3.3V to 5V for PIC running at 5V)

I will talk to Tony if a direct replacement of DDS to Si5351 code can be accommodated in AAZ-0616 FW.
If that is possible, then in such a case, I can make same size Si5351 module to replace DDS module. In addition to making this matching module, it will be required to change in FW and SW of old AAZ projects.

73s/Dinesh Gajjar

1414. Just finished building my FC5 - How to use it??

Yahoo group: foxdelta
Date: 2017-03-19 06:10:32 UTC
From: jweder@...
Topic: 1414 Message: 1414

Hi all,

My FC5 build went pretty well, but now I am puzzled by the lack of usage instructions. Some help would sure be appreciated!! I've been emailing a bit with Dinesh but perhaps the other users out there can offer advice?

The FC5 boots up just fine, but it goes into a test mode. (screen momentarily shows Test mode and No USB) I have tried measuring an RF signal and did get something, but no frequency appeared. So a few questions, if anyone has answers I'd greatly appreciate it...

1) What positions should the 8 "DIP" switches be in? There is no indication in the documentation, other than the photo on the FoxDelta website. (4th switch from the back on, all others off) If I set the switches that way (or just about any other) the unit goes into a USB INIT mode and just sits there. The only way that seems to get me anywhere is with all eight switches up. That's where I get "Test Mode and No USB"

2) What do the four buttons do? I have found that the upper right button seems to switch between HF, VHF and Auto modes, but can't see that the other buttons do anything.

3) The screen shows Vin, dBm and Adj once the unit boots up. The first two items are clear, but what the heck is "Adj"? Right now it's showing something like "0.17"

4) I set the unit to VHF mode and transmitted with a VHF handheld radio nearby. Got a signal level of about -20 dBm, but no frequency appeared. (I kept transmitting for about 30 seconds) Am I missing something there? Or is the unit in the wrong mode to measure frequency? Or maybe the signal level is too low?

Joel, VE6EI
Calgary, Alberta

1415. FC3-SK Frequency counter+RF Meter for OLD RADIOs

Yahoo group: foxdelta
Date: 2017-03-24 09:11:32 UTC
From: vu2fd@...
Topic: 1415 Message: 1415

Hello

Originally designed and developed for our school projects, FC3-SK is remade for use as a Digital Display for OLD Radios.

Support:
1. PC software for Config
2. Any IF Offset possible
3. Count to 50MHZ
4. RF Level displayed on 2nd Line as a Bar Graph
5. USB Powered or external 5V
6. RF Connector: BNC or SMA

For more details, please visit:

http://www.foxdelta.com/products/fc3-sk.htm http://www.foxdelta.com/products/fc3-sk.htm

73s/Dinesh Gajjar

1416. Re: Just finished building my FC5 - How to use it??

Yahoo group: foxdelta
Date: 2017-03-24 14:35:20 UTC
From: jweder@...
Topic: 1414 Message: 1416

I have found two laptops that will talk to the FC5. (specifically, to the USB port in the PIC on the GCPU board) One runs WinXP and the other Win7. Strangely, my nearly-new Asus desktop running Win10 will not talk to it. Dinesh suggested updating the Microsoft .NET (or dot net) on the computer, but it is fully up-to-date and enabled. I've quit trying on that computer, not enough time for it!

A few issues, questions & comments:

- Sensitivity of the RF meter seems to be somewhere around the -65 dBm level. A -73 dBm (S9 on a ham receiver) signal is not recognized. And with NO signal applied the dBm level reports around -66 dBm.

- Sensitivity of the frequency counter. Harder to be sure what it's minimum level is. My Elecraft XG3 generator only puts out 0, -33, -73 and -107 dBm levels. Frequency does appear at the 0 dBm input level but not at -33 dBm, so sensitivity is somewhere between these two. I might try again with a variable step attenuator. I have not seen any specs on the FC5 so no idea if this is normal. Any other observations??

- When used with a computer via USB the 8 toggle switches on the GCPU board must all be DOWN. The boot-up screen shows USB INIT. When used stand-alone the only way so far I've found for it to work is with all switches UP. The boot-up screen shows TEST MODE and NO USB for a second.

- When used stand-alone a somewhat different display appears on the screen than when used with a computer. The lower half of the screen when in TEST MODE shows Vin, dBm and Adj. (NO idea what Adj refers to! Anyone know???) When in USB mode, just one voltage type appears. (dBm by default)

- When in USB mode you can change the measurement units with the white buttons, between dBm, Vpp, Vrms etc. But in Test Mode the only button that seems to do anything is the upper right one. (blue in my case) It toggles between HF, VHF and Auto gate modes.

- The FCx software is available in the same zip file that contains the PIC firmware. There is NO mention of this, just a note saying: "PIC18F4550 FW FC5 V1.01" But click on the zip file icon just to the right, download the file and unzip it. Much more important than the firmware (you already HAVE that!) is the FCx.exe software.

- FCx runs as a single executable. There is no installation process! Just drop it on your desktop or wherever you want. Plug in the FC5 first and let it install, otherwise you'll get a message saying it was not found.

- Within the software you can change the gate (HF/VHF/UHF) and RF measurement units. You can also go into a menu and run a calibration routine, for both frequency and signal level. I have done this at several frequencies, but have not had time to verify if the results are properly stored in the PIC.

I'd love to hear anyone else's experiences, with the FC5 or any other unit based upon the GCPU !!

Joel, VE6EI

1417. Re: Just finished building my FC5 - How to use it??

Yahoo group: foxdelta
Date: 2017-03-30 01:00:24 UTC
From: jweder@...
Topic: 1414 Message: 1417

A little more to add, for anyone interested...

I downloaded the AD8307 datasheet. This is the logarithmic amplifier used in the FC5. It converts an analog signal into an output that is calibrated (plus or minus 1 dB) in dBm. (decibels relative to 1 mW across a 50 ohm load) The output rises 25 mV per measured decibel of signal. This is easy for the analog input of the GCPU's PIC to interpret.

The AD8307 datasheet states that it has a 92 dB dynamic range, between -75 dBm and +17 dBm. This gives us a couple of pieces of information:

1) The sensitivity of the unit (minimum signal it can "hear") should be around -75 dBm. I'm not sure why my unit won't read anything below -65 dBm at this point.

2) The strongest signal you ca input is 50 milliwatts. (+17 dBm) In other words, don't transmit directly into the unit with any kind of radio, unless you add a bunch of attenuation!

Joel, VE6EI

1418. AAZ-0616 Working...BUT??

Yahoo group: foxdelta
Date: 2017-04-09 03:38:09 UTC
From: timtylerii@...
Topic: 1418 Message: 1418

Hello,

What a nice little kit. I thoroughly enjoyed building it, and it functions almost as described immediately. I calibrated successfully, and checked its operation with a 50 ohm terminator etc, etc, following the user guide.

Here's the problem, if I can describe it: The graphs and the "generator" do not agree. When I use a 50 ohm resistor to terminate the analyzer, the graphs show a nearly 1:1 SWR, but in the "generator" tab I show more like 4.8:1. Following the steps in the User Guide, 13.1 and 13.2, everything works as described.

I am very confused. My antenna is a ~90 foot doublet, fed with 40 feet of 300 ohm window line, then about 75 feet of RG-213 all the way to the shack. I use a roller-inductor tuner (ATR-30, is that a T-match?) to match it (I only ever run 80 and 40 meters) and have had about 50 QSOs on digital modes QRP, and one or two SSB contacts about 30 watts in the last 3 weeks.

The signal reports must have been seriously inflated because according to my AAZ-0616, with the tuner inline, I have infinite (right around 10:1) SWR with 100% loss on all the graphs.

But according to the "SDR" meter on my Genesis G11 software, and the SWR meter built into the tuner, I have a reasonable 1.2:1 SWR.

What is the explanation for this? Again, calibration went well, and going through the steps in the user guide to test it seems to work, BUT the "Generator" tab gives high SWR readings on a 50 ohm resistor, and using the analyzer on my antenna system gives I think erroneous results.

I hope I have described my problem well enough.

Thank you for any help anyone can offer.

1419. Re: AAZ-0616 Working...BUT??

Yahoo group: foxdelta
Date: 2017-04-09 15:02:43 UTC
From: Steve Fabricant
Topic: 1418 Message: 1419

Tim, when you say you get a 4.8:1 reading using the generator, this is at what frequency, or do you mean across the whole range? You might want to repeat the calibration procedure, because using a dummy load you should have the same readings at any given frequency as you see with a sweep.

Something you should know is that this unit is VERY susceptible to interference by local broadcast signals picked up by the antenna. Your tuner should act as a selective filter and reduce the effect to some extent, but local AM stations (and maybe other bands as well) will really mess up your readings. I made a well-shielded highpass filter especially because of the mess that two AM BC stations were making, and now get useful readings. Your tuner's SWR meter will be the one to depend on in such a case.

Steve JS6TMW

1420. Re: AAZ-0616 Working...BUT??

Yahoo group: foxdelta
Date: 2017-04-09 19:38:46 UTC
From: timtylerii@...
Topic: 1418 Message: 1420

Hi Steve

Yes the generator tab shows high SWR across the whole range.

Once recalibrate, graph sweeps and generator SWR readings agree, but now dummy load shows 3:1 SWR. I've recalibrated several times, saving and restarting the software each time, getting different results ranging 2.5:1 SWR to 4:1 on the dummy load. I am beginning to think there's an issue with my calibration method. I'm using a small piece of wire like a paper clip to short the BNC jack, holding it tight with my hands. There must be too much stray capacitance with this method?

Another thing I tried was a bnc connect>3" piece of rg8x>pl-259>shorted SO239. This gave the most consistent results of 2.5:1 swr on the dummy load which leads me to believe the calibration process is very sensitive, and I need to come up with a perfectly stable 0 ohm non-inductive terminator to short the bnc jack. I only have one BNC connector left here but I may end up soldering a jumper in it and seeing if that works.

High pass filter? How did you make yours?

Tim NC0Q

1421. Re: AAZ-0616 Working...BUT??

Yahoo group: foxdelta
Date: 2017-04-09 21:32:57 UTC
From: Steve Fabricant
Topic: 1418 Message: 1421

I suggest you try a few different dummy loads. A homemade one consisting of a bunch of 200-ohm 1/2 watt carbon resistors in series-parallel on a UHF connector works very well for me. I've also used higher-power stripline terminators that only cost a few bucks and give about 1.2:1 all the way up to 450 MHz. I found the 1/2-watt BNC cable terminators available for a few dollars don't necessarily give 1:1 SWR at HF.

Holding the shorted BNC in your hand - not a great idea. I used a BNC-UHF adaptor and bent the paper clip to stay in place. However, it would seem that a shorted 3" length of coax would be good.

I made a highpass filter that I could leave in the antenna line when transmitting, because I suspected the AM BCB signals were also overloading the transceiver front end: http://vk3il.net/projects/broadcast-band-filter/ but there are cheaper low-power solutions you can find online that could match your needs.

Good luck,
Steve

1422. Re: AAZ-0616 Working...BUT??

Yahoo group: foxdelta
Date: 2017-04-09 22:07:50 UTC
From: timtylerii@...
Topic: 1418 Message: 1422
Attachments: 1 described; binary payloads are missing from this source WARC

I'm getting confused. I have re-calibrated this thing several times and results are erratic at best.

Here is a screenshot of a "multiscan" of open/shorted BNC. I attached it to this message and also uploaded to the folder "NCØQ" in the photo section on this forum.

I've tried different USB cables, ports...I've shut down all the radios in the shack, I am thoroughly confused. It wasn't even behaving like this yesterday.

Checked all voltage points in the troubleshooting guide, checked BNC resistance etc all is in spec.

Ideas?

Tim

1423. Re: AAZ-0616 Working...BUT??

Yahoo group: foxdelta
Date: 2017-04-10 02:15:13 UTC
From: Steve Fabricant
Topic: 1418 Message: 1423

It looks like you have one or more bad solder connections somewhere.

Steve

1424. Re: AAZ-0616 Working...BUT??

Yahoo group: foxdelta
Date: 2017-04-10 02:57:53 UTC
From: James
Topic: 1418 Message: 1424

The generator, is a signal generator, not an swr check if I remember correctly.

1425. Re: AAZ-0616 Working...BUT??

Yahoo group: foxdelta
Date: 2017-04-10 01:28:45 UTC
From: timtylerii@...
Topic: 1418 Message: 1425

Thanks, Steve.

There seems to be about a 6-8 hour delay on yahoo groups. I have also emailed support at fox delta.

Tim

1426. Re: AAZ-0616 Working...BUT??

Yahoo group: foxdelta
Date: 2017-04-22 04:48:48 UTC
From: timtylerii@...
Topic: 1418 Message: 1426

Well..it's been a couple of weeks. Haven't heard back from the folks at Fox-Delta...I had sent a query to the email address provided on the Foxdelta website but no joy....

Reflowed all solder joints, still getting different results every time I "calibrate" and that same goofy hashy signal as in the uploaded image.

Tim

1427. Re: AAZ-0616 Working...BUT??

Yahoo group: foxdelta
Date: 2017-04-23 02:45:04 UTC
From: Sriracha Jonas
Topic: 1418 Message: 1427

That's a bummer Tim. Keep trying to contact Dinesh because he's usually responsive. Sounds like time to send it back. Maybe a bad chip?

Steve Fabricant

1428. New ST2 problem

Yahoo group: foxdelta
Date: 2017-05-04 17:38:14 UTC
From: Paul Baldock
Topic: 1428 Message: 1428

I have a new ST2. It worked fine for a couple of weeks. Now the display displays very strange messages, such as the word "warning" . From day to day these odd messages change. Through all of this the unit continues to perform correctly via RS232 including maintaining calibration factors. The display will change from one power up to the next even without RF being present so it is not RF getting into the unit.

According to Dinesh I must reprogram the PIC (or buy a new preprogrammed one) to get it back to the factory default. I have a feeling this is not the issue as it still works fine via RS232.

Has any body else experienced this?

- Paul KW7Y

1429. Re: [foxdelta] New ST2 problem

Yahoo group: foxdelta
Date: 2017-05-04 18:39:15 UTC
From: Jan Servaites
Topic: 1428 Message: 1429

I had PIC programming become corrupted in a couple PICs. I decided to have my own programming capability and purchased a PIC programmer.
I re-programmed the original PIC and worked for awhile and then died again.
I then decided to purchase some new PICs (they don't cost much) and use them.
I did that and they have been working fine for years now.
Jan N8CBX

1430. Re: [foxdelta] New ST2 problem

Yahoo group: foxdelta
Date: 2017-05-04 19:41:49 UTC
From: Paul Baldock
Topic: 1428 Message: 1430

Which PIC programmer did you buy?

- Paul KW7Y

At 11:39 AM 5/4/2017, you wrote:
>
>
>I had PIC programming become corrupted in a couple PICs. I decided to
>have my own programming capability and purchased a PIC programmer.
>I re-programmed the original PIC and worked for awhile and then died again.
>I then decided to purchase some new PICs (they don't cost much) and use
>them.
>I did that and they have been working fine for years now.
>Jan N8CBX
>

1431. Re: [foxdelta] New ST2 problem

Yahoo group: foxdelta
Date: 2017-05-04 23:33:26 UTC
From: Jan Servaites
Topic: 1428 Message: 1431

I think it was Canakit.com
Jan N8CBX

On 5/4/2017 3:41 PM, Paul Baldock paul@... [foxdelta] wrote:
>
> Which PIC programmer did you buy?
>
> - Paul KW7Y
>
> At 11:39 AM 5/4/2017, you wrote:
>
>>
>>
>> I had PIC programming become corrupted in a couple PICs. I decided to
>> have my own programming capability and purchased a PIC programmer.
>> I re-programmed the original PIC and worked for awhile and then died
>> again.
>> I then decided to purchase some new PICs (they don't cost much) and use
>> them.
>> I did that and they have been working fine for years now.
>> Jan N8CBX
>

1432. AAZ-0914A inf. SWR Troubleshooting

Yahoo group: foxdelta
Date: 2017-06-05 17:43:12 UTC
From: kj4fgi@...
Topic: 1432 Message: 1432

I hope someone can help, I had this antenna analyzer for over a year, it worked great.
I was testing a EFHW antenna, I ran about 5 scans and on the 6th all I got was an inf. swr.

I updated the firmware from 6.02 to 6.03, I also used the 6.03 antenna analyzer program.
Calibrating the program yielded the same results INF.

I used Franks trouble shooting guide, all voltages ok

I check the resistance at the BNC connector, 65 ohms

I used an Oscilloscope and checked the output at the bnc and what ever band I was testing the frequency scan displayed the correct frequencies.

I used the Frequency Generator built into the Antenna analyzer software and same thing, the frequencies did display correctly on the O-Scope.

The antenna analyzer just doesn't seem to register the SWR

I did notice that pin 1 on the smd 125 oscillator is not soldered I looked at the schamatic and it seems pin 1 isn't used.

Thank you Eddie kj4fgi

1433. Re: AAZ-0914A inf. SWR Troubleshooting

Yahoo group: foxdelta
Date: 2017-06-06 02:00:53 UTC
From: vu2fd@...
Topic: 1432 Message: 1433

GM Eddie

Reading your details, possibly AD8307 is dead by antenna static.
Please check voltages at PIC PIN2 or AD8307 PIN4, if it varies.

Contact me at esales@foxdelta.com for more help

73s/Dinesh Gajjar

1434. Re: AAZ-0914A inf. SWR Troubleshooting

Yahoo group: foxdelta
Date: 2017-06-06 03:15:55 UTC
From: kj4fgi@...
Topic: 1432 Message: 1434

Dinesh

0 volts at pic pin 2 and AD8307 0 volts

No voltage at all

Eddie kj4fgi

1435. PIC18F25K22 and TEA5767 FM RADIO

Yahoo group: foxdelta
Date: 2017-07-01 12:31:46 UTC
From: vu2fd@...
Topic: 1435 Message: 1435

Hello

A new, Tiny project of FM Radio is uploaded. Project is based on new PIC18F25K22 micro and Philips TEA5767 FM Radio I2C Module.

FM Radio is available in Kit or Assembled at no extra cost (for some time). Free project metal case is included.

Project uses two board system where CPU is front Board and there is an add-on board at the back which is called a "Project" board. In this case its a FM Radio Board.

We intend to add more projects (by way of making new add-on board and new hex for PIC) to this CPU and Metal cases.

Please visit: http://www.foxdelta.com/products/fmradio.htm
http://www.foxdelta.com/products/fmradio.htm

73s/Dinesh Gajjar

1436. Re: [foxdelta] PIC18F25K22 and TEA5767 FM RADIO

Yahoo group: foxdelta
Date: 2017-07-01 13:41:39 UTC
From: Premanand Raj
Topic: 1435 Message: 1436

Hi
I am looking for a 10 or 20w Hf linear amp. Any kit or suggestion? Ihave 300 me from my HB transceiver.

73s

Prem , VU2OLU

> On Jul 1, 2017, at 4:31 PM, vu2fd@... [foxdelta] <foxdelta@yahoogroups.com> wrote:
>
> Hello
>
>
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> We intend to add more projects (by way of making new add-on board and new hex for PIC) to this CPU and Metal cases.
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>
> Please visit: http://www.foxdelta.com/products/fmradio.htm
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>
> 73s/Dinesh Gajjar
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1437. RE: [foxdelta] PIC18F25K22 and TEA5767 FM RADIO

Yahoo group: foxdelta
Date: 2017-07-01 12:48:53 UTC
From: Gervais Fillion
Topic: 1435 Message: 1437

Hello Dinesh

you know what,it would be great an VHF radio exactly like your FM here.

manually tunable receiver

73 Dinesh

gervais

ve2ckn

De : foxdelta@yahoogroups.com <foxdelta@yahoogroups.com> de la part de vu2fd@...
[foxdelta] <foxdelta@yahoogroups.com>
Envoyé : 1 juillet 2017 08:31
À : foxdelta@yahoogroups.com
Objet : [foxdelta] PIC18F25K22 and TEA5767 FM RADIO

Hello

A new, Tiny project of FM Radio is uploaded. Project is based on new PIC18F25K22 micro and Philips TEA5767 FM Radio I2C Module.

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Foxdelta PIC18F25K22 and TEA5767 FM RADIO KIT: By Tony/I2TZK, Frank/k7sfn, Dinesh/VU2FD<http://www.foxdelta.com/products/fmradio.htm>
www.foxdelta.com
Forward & reflected RF Power Measurment with PIC16F88 microcontrllers by fox delta

73s/Dinesh Gajjar

1438. RE: [foxdelta] PIC18F25K22 and TEA5767 FM RADIO

Yahoo group: foxdelta
Date: 2017-07-01 15:04:07 UTC
From: vu2fd@...
Topic: 1435 Message: 1438

Hello

Thank you for your interest.
Yes, we have worked on 2M RX too. Still in progress!!

Here are two pictures for you:

http://www.foxdelta.com/products/2MRX-0417/2m-rx-800-cpu.jpg

http://www.foxdelta.com/products/2MRX-0417/2m-rx-pcb.jpg

CPU (PIX18F25K22) is common for future projects, only PIC hex changes.

VHF RX will be fully configurable from 50 to 160MHZ with additional OSC signal (FIX) available at CLK1 (Like 10.245MHZ that we can use)

73s/Dinesh Gajjar

1439. RE: [foxdelta] PIC18F25K22 and TEA5767 FM RADIO

Yahoo group: foxdelta
Date: 2017-07-01 16:42:51 UTC
From: Gervais Fillion
Topic: 1435 Message: 1439

super

i am just interested in that kind of receiver for my garage here when i am working.

let me know,let us know Dinesh

thanks for the reply and your interest

gervais

ve2ckn

De : foxdelta@yahoogroups.com <foxdelta@yahoogroups.com> de la part de vu2fd@...
[foxdelta] <foxdelta@yahoogroups.com>
Envoyé : 1 juillet 2017 11:04
À : foxdelta@yahoogroups.com
Objet : RE: [foxdelta] PIC18F25K22 and TEA5767 FM RADIO

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73s/Dinesh Gajjar

1440. Si5351 and PIC18F25K22 160MHZ VFO

Yahoo group: foxdelta
Date: 2017-07-18 12:40:56 UTC
From: vu2fd@...
Topic: 1440 Message: 1440

Hello

New interesting project for Home Brewers SIGEN-0517, an Si5351 based VFO with 2 X 16 LCD for Receiver/Transmitter is released and Kits/assembled are available.

VFO Basics are:

1. 1MHZ to 160MHZ Main VFO
2. Second Signal configurable from 1 to 160MHZ for Second IF ETC
3. IF OFFSET
3. 1HZ to 1MHZ Configurable steps

Visit project page for more details at:

http://www.foxdelta.com/products/sigen-0517.htm
http://www.foxdelta.com/products/sigen-0517.htm

73s/VU2FD/I2TZK/K7SFN

1441. Re: Si5351 and PIC18F25K22 160MHZ VFO

Yahoo group: foxdelta
Date: 2017-07-19 13:44:59 UTC
From: chief6226@...
Topic: 1440 Message: 1441

what is the output impedance and power level. Looks like the PIC is the output specification.
Please advise
73 kd5yyk

1442. Re: Si5351 and PIC18F25K22 160MHZ VFO

Yahoo group: foxdelta
Date: 2017-07-20 02:37:34 UTC
From: vu2fd@...
Topic: 1440 Message: 1442

GM

Output Z is at 50 ohms and its direct output of Si5351 (3.3V Square Wave) into 1:1 isolation Transformer

73s/DGajjar

1443. Android and 00914

Yahoo group: foxdelta
Date: 2017-08-08 01:50:28 UTC
From: gmfoster@...
Topic: 1443 Message: 1443

Hi I have had my analyzer for a few years. Moved last year and it hasn't been used much in the field. Now when I need it I can't get it to work with the Bluetooth and android. It works USB and Blue tooth on my laptop but I can not get it to work with several different tablets and phones.

I can get the blue tooth to pair and when I start the app it will find the blue tooth and ask me to select BT to connect to. However it then Times out and I haven't been able to connect to any Android device. The App I have is the 1.08 which still seems current.

I remember I had troubles when it was new but once I figured out the sequence it usually worked first time..

Any ideas out there
Thanks Garry W8GMF formerly WBoNNO

1444. Re: ST2 RS232 - replacement by USB to TTL converter

Yahoo group: foxdelta
Date: 2017-08-26 02:00:19 UTC
From: kf7dur@...
Topic: 1379 Message: 1444

Not sure what a USB to TTL adapter is. I have been using a USB to serial adapter for years with my ST2. You can get a USB to serial adapter for Walmart for $5.

1445. HF Antenna Analyzer Kits

Yahoo group: foxdelta
Date: 2017-09-10 04:10:26 UTC
From: vu2fd@...
Topic: 1445 Message: 1445

Hello
Due to some SMT parts that kit builders may find difficult to solder/handle, AAZ-0217 were only sold as assembled.

Now that, we have addressed the SMT part (RF Transformers) problem, AAZ-0217 kits are available (also Assembled)

AAZ-0217MX kits have RF Range from 1 to 60MHZ.

Please visit webpage for more info

http://www.foxdelta.com/products/aaz-0217.htm
http://www.foxdelta.com/products/aaz-0217.htm

73s/Dinesh Gajjar

1446. Re: ST2- fluctuating azimuth at full stop

Yahoo group: foxdelta
Date: 2017-10-10 19:58:34 UTC
From: joaquin@...
Topic: 977 Message: 1446

I have the same problem in the azimuth part (the elevation is ok) with the ST2 USB, I have done all the possible tests such as reconfiguring the port, the pic, changing the cable of the rotors, modifying the voltage in the pots of the YAESU G-5600B Controler etc. etc.

I use the SATPC32 and have modified the rotor setups, speeds etc, including what they suggest in this post here on the USB cable disconnection; To plugging/unplugging etc without luck.

Inicially probe for more than 2 months in the shack with the rotors and worked without problem and the problem was presented as the rotors climb to the tower. I have some videos of the fault and also the display sometimes marks wrong numbers in the azimuth. Any other suggestions?

18/Aug/2017 (Test in Shack OK)

Https://www.youtube.com/watch?v=BiflKfW4z9o https://ssl.microsofttranslator.com/bv.aspx?from=&to=en&a=Https%3A%2F%2Fwww.youtube.com%2Fwatch%3Fv%3DBiflKfW4z9o

3/OCT./2017 (Problem)

Https://youtu.be/hUbUqURbkK0 https://ssl.microsofttranslator.com/bv.aspx?from=&to=en&a=Https%3A%2F%2Fyoutu.be%2FhUbUqURbkK0

Https://youtu.be/K8xvwM_3YtQ https://ssl.microsofttranslator.com/bv.aspx?from=&to=en&a=Https%3A%2F%2Fyoutu.be%2FK8xvwM_3YtQ

I thought I'd try another new USB ST2.

Thank you in advance for the help you can give me.

Joki XE1R

1447. New to group - building ST2 USB

Yahoo group: foxdelta
Date: 2017-11-12 21:43:26 UTC
From: heartdoc@...
Topic: 1447 Message: 1447

Hello:

I'm about finished building the ST2 USB and I just want to be sure about something. What is the proper orientation of the LCD panel ? Is it plug header up or down ? There are no pictures available of this area, but when I looked at pin 1 on the PCB header and where pin 1 was on the LCD panel, it looked like the cables would have to cross and be turned 180 degrees. Presently, I have the LCD plug header up only because the lettering is not upside down.

This unit will be used with a G-5500 for EME operations.

73, Jamie
WB4YDL

1448. Re: ST2- fluctuating azimuth at full stop

Yahoo group: foxdelta
Date: 2017-10-23 15:18:15 UTC
From: kf7dur@...
Topic: 977 Message: 1448

There is an old thread on this (search G-5500). The power supply in the G-5500 produces ripple that causes the display to fluctuate. Try jumping a small cap to the leads going to the rotor and see if it goes away. It worked with mine but I can't remember which pin did it.

1449. FC3 0812 WIN7

Yahoo group: foxdelta
Date: 2017-10-30 11:25:18 UTC
From: Johann.Bruendl@...
Topic: 1449 Message: 1449

Hi All.
1. setup function only with Computer possible, no change in the FC3 device
2. then I have changed the version from 2.03 to 2.04
3. then setup does not work properly anymore (The frequency values change independently into incorrect values)
4. Bootloader no longer works
5.I can not find any information on how to start the update mode

Any ideas?

Thanks
Jo

1450. Re: New to group - building ST2 USB

Yahoo group: foxdelta
Date: 2017-11-13 06:29:41 UTC
From: vu2fd@...
Topic: 1447 Message: 1450

Hello Jamie

Yes, cable will cross as we must match No.1 of LCD to # 1 on board

73s/DGajjar